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Vocabulary of Army Ordnance Stores

SECTION Z 4

ELECTRICAL TEST EQUIPMENT

1967

(Supersedes Code No. 14568)

By Command of the Defence Council

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MINISTRY OF DEFENCE May, 1967

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AMENDMENTS

Group C amphlet No.	Amendment No.	By whom amended	Date of insertion	
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VOCABULARY OF ARMY ORDNANCE STORES

SECTION Z4

FOREWORD

1. Demands for further copies of this publication, or amendments thereto will be passed through the normal channels of supply for Ministry of Defence publications.

2. Amendments will be published as replacement pages.

3. Items appearing in italics are OBSOLESCENT.

4. The N.A.T.O. system of cataloguing utilizes a 13-digit coding structure; the 13 digits are broken down into groups as follows:-

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ABBREVIATIONS

A.F.	Audio frequency	mW.	Milliwatt(s)
Ah.	Ampere hours	mV.	Millivolt(s)
A.R.	Army receiving (valve)	P.C.D.	Pitch circle diameter
B.A.	British Association	R.F.	Radio frequency
C.F.	Constant frequency	R.R.D.E.	Radar Research Develop-
C.I.	Cast iron		ment Establishment
C.R.	Cathode ray	S.P.	Standard pattern
c/s.	Cycles per second	μA.	Microampere(s)
C.W.	Continuous wave	U.H.F.	Ultra high frequency
F.S.D.	Full scale deflection	U.N.F.	Unified natural fine
G.D.E.S.	Government department	μsec.	Microsecond(s)
	electrical specification	U.S.W.	Ultra short wave
н.	Henry(s)	μ F .	Micro-farad(s)
H.F.	High frequency	μµF.	Micro-microfarad(s)-
I.F.F.	Identification friend		(equivalent to pF)
	or foe	μ V.	Micro-volt(s)
1.V.	Instantly variable	μH.	Micro-henry(s)
M.C.	Moving coil	μW.	Micro-watt(s)
mH.	Millihenry(s)	VA.	Volt-ampere(s)

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SECTION Z4

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Cat. No.	Item name or designation	Item description or detail	I.S.P.L. Code No.
Z4/ZD 02070	ADAPTOR High impedance, No. 1	Used in conjunction with Instrument, testing, electronic, multi-range, No. 1	
Z4/WD 3883 Z4/WD 4211 Z4/WD 4161	AERIAL Dummy No. 2 and 3 equipment Wireless set No. 31 No. 88 AMMETER, A.C.	Conform to the following particulars unless otherwise	P.L. 5631
- Véh - 1910	2.1/2 in. dial Flush	<pre>stated: Moving iron, spring controlled; round case; self-contained; calibrated for 50 c/s 2.1/2 in. dia, flush instruments are to W.T. Board Spec. No. Kll3 and B.S. 89 except as stated; cases are moulded except as stated Calibrated for Fe. panel</pre>	
C			C·
Z4/XB 14286	35 amp.	Calibrated for Fe. panel Aluminium alloy case; body dia. 2.616 in.; terminals 1.3/8 in. long on 1.3/8 in. centres, 1/2 in. above horizontal centre-line; c/w clips, fixing, 2.1/2 in. Instrument, sets; 13A scale mark shown as 3 kVA;	
Z4/XD 00341	100 amp.	26A scale mark shown as 6 kVA; to B.S. 89 Calibrated for Fe. panel; aluminium alloy case; body dia. 2.616 in.; terminals 5/16 U.N.F. x 2.616 in.; terminals 5/16 U.N.F. x 1.3/8 in. on 1.3/8 in. centres, 1/2 in. above horizontal centre-line	
Z4/XD 00303	Square flange, 2 amp	Instruments are to B.S. 89; cases are moulded Calibrated for Fe. panel; body diameter 2.9/16 in. flange 2.13/16 in. square; 4 fixing holes 0.113 in. dia. on 3.3/8 in. P.C.D.; terminals 2 B.A. x 1/2 in., 1.3/8 in. apart, 1/2 in. above horizontal centre-line	
	3.1/2 in. dial Flush	Instruments are to W.T. Board Spec. No. K113 and to B.S. 89 except as stated	
Z4/ZA 17966 Z4/ZA 19792	25 amp. 40 amp.	Calibrated for Fe. panel Calibrated for Fe. panel, terminal stems 1.1/4 in.	
Z4/XB 12668	50 amp. 4 in. dial	long Calibrated for Fe. panel Instruments are to G.D.E.S. No. 3 and to B.S. 89 except as stated Calibrated for Fe. and N/Fe. panels except as stated	
Z4/ZD 02784	Flush 50 amp.	Calibrated for Fe. and N/Fe. panels except as stated Calibrated for Fe. panel; calibrated at 95° F.; C.I. case; barrel dia. 4.3/4 in.; 3 fixing holes on 5.13/16 in. P.C.D.; terminals 3/8 in. Whit. x 2 in. on 2 in. centres 1.3/16 in. above horizontal centre-line	

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Cat. No.	Item name or designation	Item description or detail	I.S.P.L. Code No.
	AMMETER, A.C. 4 in. dial		
Z4/XD 00004	Flush - continued 60 amp.	C.I. case; panel-hole dia. 4.1/2 in.; 3 fixing holes on 5.3/8 in. P.C.D.; terminals 3/8 in. Whit. x 2.7/16 in. on 2.3/4 in. centres on horizontal centre-line	
Z4/XB 14138	80 amp., No. 1	C.I. case; panel hole dia. 5 in.; 3 fixing holes on 5.1/2 in. P.C.D.; terminals on 2 in. centres,	
Z4/XD 00365	80 amp., No. 2	<pre>1.3/16 in. above horizontal centre-lines C.I. case; panel hole dia. 4.1/2 in.; 3 fixing holes on 5.3/8 in. P.C.D.; terminals 3/8 in. Whit. x 2.7/16 in. on 2.3/4 in. centre on horizontal centre-line</pre>	
Z4/ZD 02967	150 amp. and 300 amp., two range less transform	Calibrated at 20° C.; for use in temperature range	
Z4/XB 11918	Protecting 25 amp.	C.I. case; 3 fixing holes on 5.3/8 in. P.C.D.; terminals O.B.A. x 2.9/32 in. on 2 in. centres	
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Z4/XB 12718 Z4/XB 0017 Z4/XA 12770 Z4/XD 00358 Z4/XD 00361 Z4/XD 02950 Z4/XD 00163 Z4/XD 00140 Z4/XD 00028	40 amp. 6 in. dial Flush 15 amp. 30 amp., No. 1 50 amp., No. 3 100 amp., No. 2 120 amp., No. 3 120 amp., less transformer 250 amp. Pedestal 60 amp.	 C.I. case; 3 fixing holes on 4.11/16 in. P.C.D.; terminals 1/4 in. Whit. x 3.1/4 in. on 1.3/4 in. centres 5/16 in. above horizontal centre-line Fe. case; panel hole dia. 6.5/8 in., 3 fixing holes on 7.1/2 in. P.C.D.; terminals 1 in. min. 1.3/4 in. max. on 2 in. centres, 1/2 in. min. 3/4 in. max. above horizontal centre-line As for Z4/XB 0017 Aluminium alloy case; c/w circular fixing clamp; panel hole dia. 6.1/2 in.; terminals 0.B.A. Aluminium alloy case; c/w circular fixing clamp; panel hole dia. 6.1/2 in.; terminals 0.B.A. Aluminium alloy case; c/w circular fixing clamp; panel hole dia. 6.1/2 in.; terminals 0.B.A. C.I. case; body dia. 6.11/32 in.; 3 fixing holes on 7.1/2 in. P.C.D.; terminals 0.B.A. × 1.1/2 in. on 4.17/32 in. centres on horizontal centre-line; for Transformer demand Z4/XB 18602 C.I. case; body dia. 6.11/32 in.; 3 fixing holes on 7.1/2 in. P.C.D.; terminals 1/2 in. Whit. × 2.3/4 in. on 4.17/32 in. centres on horizontal centre-line; for Transformer demand Z4/XB 18602 C.I. foot mounted case; height 9.1/8 in., width 8.1/8 in.; 2 fixing holes on 6 in. centres; terminals 3/8 in. Whit. on 3.1/4 in. centres 	
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Cat. No.	Item name or designation	Item description or detail	I.S.P.L. Code No.
	AMMETER, A.C. 6 in. dial - continued Projecting		
Z4/XB 11403	50 amp.	Fe. case; 3 fixing holes on 6.7/8 in. P.C.D.; terminals 1/4 in. Whit. x 3.1/2 in. on 3.11/16 in.	
Z4/XD 00145	60 amp., No. 2	centres on horizontal centre-line C.I. case; 3 fixing holes on 7.1/4 in. P.C.D.; terminals 3/8 in. Whit. x 3.1/2 in. on 3.1/4 in.	
Z4/XD 00307	150 amp., No. 3 less transformer	centres, 1.1/16 in. above horizontal centre-line Aluminium alloy case; 2 hole fixing on 5.9/16 in. centres on horizontal centre-line, terminals 2.13/16 in. on 3.1/4 in. centres on horizontal centre-line; for Transformer, demand Z4/XB 17947	
	Portable		
Z4/ZA 1845	5 in. scale, 30 amp.	Moving iron, spring controlled; magnetically shielded; hard wood case with hinged flap over dial; leather carrying handle; knife edge pointer; to B.S. 89	
Z4/ ZD 03907	5.1/2 in. scale, 0-100, 200 and 500 amp.	In wooden case, with transformer, portable, 15 VA.	
Z4/ZD 00340	6 in. scale., 5 amp.	Moving coil with full wave rectifier; for use on 24 V., 50 c/s. supply and transformer; all contained in hard wood case with hinged lid over dial; leather	
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	AMMETER, A.C./D.C. Portable		
	5.1/2 in. scale	Moving iron; issued in a wooden carrying case	
Z4/ZD 03886 Z4/ZD 03913	05 amp. 015 amp.		
	Tong type		
Z4/6625-99-106-3065	Portable, 0 to 20 amp.	Moving iron; 2.7/32 in. x 3.7/8 in. x 8.7/16 in.; trigger operated	
Z4/XB 12024	Type A. 50 amp.	A meter used for mercuring surrent is achieved	
		A meter used for measuring current in cables up to 1.5/8 in. dia. Movement unit must be used only with the instrument with which it was 'calibrated	
Z4/XA 0128 Z4/XA 14164	200 amp. Type B, 300 amp.	Similar to Type A, 50 amp. Similar to Type A, 50 amp.	
	AMMETER, D.C.	Conform to the following particulars unless otherwise stated - Moving coil, permanent magnet, round case; self-contained	
	l.1/2 in. dial Flush		
Z4/ZD 00403	50-0-50 µA.	Calibrated for use on N/Fe. panel; to Spec. K.115, Category B, less paras. 1 and 4-6; resistance	
Z4/XD 00034	250-0-250 µA.	1,600 ohms ± 10%; case as for Z4/ZD 00034 Calibrated for use on Fe. panel; to Spec. K.115, less para. 1; Aluminium alloy case; body threaded 1.1/2 in. Whit. x 26 T.P.I. and secured by clamping rings; terminals 6 B.A. x 1/4 in. on 5/8 in.centres	
		3/16 in. above horizontal centre-line, 1.1/4 in. dia. panel hole; 6 B.A.	
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Cat. No.	Item name or designation	Item description or detail	I.S.P.L. Code No.
Z4/ZD 03282	AMMETER, D.C continued 1.3/4 in. dial Flush, 20-0-20 amp.	Polarised moving iron; 2 in. dia. panel hole; terminals 2 B.A. x 3/8 in.; not to standard Spec.	
Z4/XD 00153	Square flange 5 amp.	Calibrated for use on Fe. panel; moulded case; 1.15/16 in. dia. panel hole; flange 2.1/16 in. sq.; 4 fixing holes on 2.3/8 in. P.C.D.; terminals	
	2 in. dial	2 B.A. on 1.3/8 in. centres on horizontal centre-line; to B.S. 89 2 in. dial instruments are to W.T. Board Spec. No. K.113 and to B.S. 89 except as stated; cases are moulded, with terminal stems, except as stated; instruments with terminal stems may be fitted projecting when stem lengths are sufficient;	
Z4/XB 16331 Z4/XB 16332	100 μA 250 μA	for clips for flush fitting, demand Z4/ZA 11921 Calibrated for Fe. panel; c/w fixing clip Calibrated for Fe. panel; c/w fixing clip Calibrated for Fe. panel: resistance 500 ohms + 10%	
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Z4/XD 00308	500 μA., No. 2	Calibrated for Fe. panel; resistance 185 ohms ± 1%; not to K.113; flush fitting; 2.3/32 in. dia. panel hole; secured to panel by aluminium clamping ring; terminals 4 B.A. × 7/16 in. on 1 in. centres on horizontal centre-line; watertight to B.S.89; no zero adjuster	
Z4/ZA 24872	500 µА., No. 3	Calibrated for Fe. panel; resistance 500 ohms ± 10%; alloy case body dia. 2.093 in.; front flange 2.306 in. 0.D., terminals 4 B.A. x 1/4 in. on 1 in. centres on horizontal centre-line; spots of luminous paint at six main graduated points; luminous pointer tip	
Z4/ZA 16968 Z4/XB 16330 Z4/ZA 17960 Z4/ZA 19722 Z4/XB 15833 Z4/ZA 0148	2 mA 10 mA 20-0-20 mA 150 mA 300 mA 15 amp., No. 1	Calibrated for N/Fe. panel Calibrated for Fe.panel c/w fixing clip Calibrated for N/Fe. panel Calibrated for Fe. panel Calibrated for N/Fe. panel Calibrated for N/Fe. panel; detachable shunt fitted to terminal stems; terminals 13/16 in. min. length	
Z4/ZA 0149	20 amp., No. 1	Calibrated for N/Fe. panel; detachable shunt fitted to terminal stems; terminals 13/16 in. min. length	
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Cat. No.	Item name or designation	Item description or detail	I.S.P.L. Code No.
Z4/ZA 28274 Z4/XD 00401	AMMETER, D.C. 2 in. dial - continued 20 amp., No. 2 20 amp., No. 3	<pre>Calibrated for N/Fe. panel; aluminium alloy case; body dia. 2.093 in.; front flange 2.306 in. 0.D., detachable shunt fitted to terminal stems; terminals 4 B.A. x 13/16 in. on 1 in. centres on horizontal centre-line Moving iron, magnetically controlled; no standard specification; panel hole dia. 1.31/32 in.;</pre>	
Z4/ZA _0151	40 amp., No. 1 Square flange	terminals 2 B.A. x 11/16 in. on 1 in. centres on vertical centre-line; metal case; chromium plated front, 2.13/64 in. O.D.; secured by strap Calibrated for N/Fe. panel; detachable shunt fitted to terminal stems; terminal 13/16 in. min. length Instruments are W.T. Board Spec. No. K.113 and to B.S. 89 except as stated; cases are moulded,	
Z4/XD 00116 Z4/ZD 02923	50 μΑ 100 μΑ	<pre>with terminal stems, except as stated Calibrated for Fe.panel Calibrated for Fe. and N/Fe.panels; body dia. 2.3/32 in. max.; 4 fixing holes on 2.1/2 in. P.C.D.; depth of body behind flange 1.5/8 in. max.; terminals 2 B.A. on 1 in. centres 0.10 in. max. above horizontal centre-line; to R.C.S. 231</pre>	
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24/ XD 00045	250µA	Calibrated for Fe. panel; to B.S.89 but calibrated at 65° F. for use at temperatures up to 1,130° F.; body dia. 2.1/16 in.; 4 fixing studs, 6 B.A., on 2.1/2 in. P.C.D.; shrouded 4 B.A. terminals on 3/4 in. centres on horizontal centre-line	
Z4/ZD 0335 2	500µA	Calibrated for 1/16 in. thick Fe. panel; to B.S.89; case details as for Z4/XD 00048	
Z4/XD 00048	0.5mA. and 15mA., two range	Calibrated for Fe. panel; to B.S.89 but calibrated at 85°F. for use at temperatures up to 113°F.; 250µA. F.S.D.; with 5 shunts; 1 shunt F.S.D. 0.5mA., that is 1 to 1; 1 shunt F.S.D. 5 mA., that is 19 to 1; 2 shunts F.S.D. 15mA., that is 59 to 1; 1 shunt F.S.D. 50 mA., that is 199 to 1; scaled 0-0.5 mA., and 0-15 mA.; body dia. 2.1/16 in.; 4 fixing studs, 6 B.A., on 2.1/2 in. P.C.D.; shrouded 4 B.A. terminals	
Z4/XD 00331 Z4/XD 00052 Z4/XD 00313 Z4/XB 15722	1 mA 15 mA., No. 1 15 mA., No. 2 50 mA., No. 1, less shunt	on 3/4 in. centres on horizontal centre-line Calibrated for Fe.panel Details as for Z4/XD 00045 Calibrated for Fe. panel Calibrated for Fe. panel; 5 mA., F.S.D.; resistance 20 ohms; for Shunt, demand Z4/XB 15723	
z.4/xd 00049	50 mA., No. 2, less shunt	Calibrated for Fe. panel; to B.S. 89 but calibrated at 85° F. for use at temperatures up to 113° F.; 5 mA. F.S.D.; resistance 20 ohms; for Shunt, demand Z4/XB 15723; dimensions as for Z4/XD 00045	
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Cat. No.	Item name or designation	Item description or detail	I.S.P.L. Code No.
	AMMETER, D.C.		
	2 in. dial		
Z4/XD 00046	Square flange - continued 100 mA., No. 2	Calibrated for Fe. panel; to B.S. 89 but calibrated	
		at 85° F. for use at temperatures up to 113° F.; 5 mA.	
		F.S.D.; c/w two detached shunts to give 100 mA. F.S.D.; dimensions as for Z4/XD 00045	
Z4/XD 00314	300 mA	Calibrated for Fe. panel	
Z4/ZD 00097	350 mA	Calibrated for Fe. panel	
Z4/XD 00327	20-0-20 amp.	Polarised moving iron instrument; not to standard Spec.; dimensions to K.113	
Z4/ZA 27420	60-0-60 amp.	Calibrated for Fe. panel; c/w detached shunt (50 mV.	
		drop), shunt fixing holes, $2 \times 1/4$ in. dia. on	
Z4/XB 16360	75-0-75 amp; less shunt	2.3/8 in. centres; for Shunt demand Z4/ZA 27455 Calibrated for Fe. panel; to B.S. 89; Aluminium die-cast	
_ ,,		case, body dia. 2.093 in.; four fixing holes on	
		2.1/2 in. P.C.D.; terminals 2 B.A. x 9/16 in. on l in. centres on horizontal centre-line; for Shunt	
		demand Z4/ZC 30163	
	2.1/2 in. dial		
	Flush	Instruments are to W.T. Board Spec. No. K.113 and to B.S. 89 except as stated; cases are moulded, with	
7.4/ XD 00217		terminal stems, except as stated	
<u>777 YO 00111</u>	25-0-25114	Calibrated for Fe. panel; white scale on black dial	
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Z4/XB 15910	60-0-60µA	Calibrated for Fe. panel; resistance not greater	
Z4/ZA 15214	100-0-100 µA., No. 1		
74/70 0001-		Calibrated for Fe. panel; resistance 270 ohms + 10%; terminals 5/8 in. long	
Z4/ZD 03019	100-0-100 µA., No. 3	Calibrated for Fe. and N/Fe. panels; body dia.	
		12.3/8 in max.: 6 fixing holes on 2.7/9 in p.c.p.	
		of body behind flange plus length of torminal stars	
		1 - 4 = 3/10 III $= 10$ dX $= 1$ Terminals $2 - R = 1 - 2 = 1 - 2 = 1$	
		centres 1/2 in. above horizontal centre-line; to R.C.S. 231 and R.C.L. 231 except that resistance between terminals is 270 above 100	
Z4/XD 00125	200 114 110 0	1 - 100	
	200 µA., No. 2	Calibrated for Fe. panel; aluminium alloy case; body dia.	
		2.616 in. front flange 2.9 in. O.D.; terminals 2 B.A. x 9/16 in. on 1.3/8 in. centres 1/2 in. above horizontal	
- 4		centre-line; c/w Clips, fixing, 2.1/2 in. instruments sets (Z4/XB 14710)	
Z4/ZA 0211 Z4/XB 14255	1mA., No. 1	Calibrated for Fe. panel	
	lmA., No. 3	Calibrated for Fe. panel: resistance 150 obms +	
malum annin		5%; c/w Clips, fixing, 2.1/2 in. instruments, sets (Z4/XB 14710)	
Z4/XB 15562 Z4/XB 16135	4mA and 80mA., two range 5mA., No. 1	Calibrated for N/Fe. panel: self contained: 3 terminals	
	Cinere 9 1908 1	Journaled for re. panel; suitable for use in	
Z4/ZA 19723	En A No O	temperatures down to 40° C.; resistance 15 ohms ± 0.15 ohms; terminals 1 in. long	
Z4/XB 15911	5mA., No. 2 5mA., No. 3	Galibrated for N/Fe. panel: resistance 40 obms	
Z4/XB 16026	5-0-5mA., No. 2	Calibrated for Fe. panel; resistance 10 ohms + 10% Calibrated for N/Fe. panel; details of case as for	
		24/AD 00125; C/W Clips, fixing, 2.1/2 in, instruments	
		sets (Z4/XB 14710)	

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SECTION Z4

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Cat. No.	Item name or designation	Item description or detail	I.S.P.L. Code No.
	AMMETER D.C.		
	2.1/2 in. dial		
74/m 155/0	Flush - continued	Calibrated for N/Fe manale solf contained.	
Z4/XB 15560	5 mA., and 25 mA.,	Calibrated for N/Fe. panel; self-contained: three terminals	
Z4/XB 16255	two range 10 mA., No. 1	Calibrated for Fe. panel	
Z4/ZA 17957	10 mA., No. 2	Calibrated for N/Fe. panel; terminals 3/4 in. long;	
		c/w three detached shunts for X2, X10 and	
		X20 ranges	
Z4/ZA 17959	15-0-15 mA	Calibrated for N/Fe. panel	
Z4/ZA 19724	20-0-20 mA	Calibrated for N/Fe, panel	
Z4/ZC 0216 ' Z4/XB 15561	25 mA. 8 25 mA. and 250 mA., two	Calibrated for N/Fe. panel; terminals 7/8 in. long Calibrated for N/Fe. panel; self-contained; three	
247 AB 10001	range	terminals	
Z4/XB 16728	30-0-30 mA., No. 1	Calibrated for Fe. panel; moving coil, differentially	
		wound	•.
Z4/ZA 0215	30-0-30 mA., No. 3	Calibrated for N/Fe. panel; moving coil, differentially	
74/VD 16770	20 0 20 mA No 4	wound Calibrated for the paral	
Z4/XB 16729 Z4/XD 00326	30-0-30 mA., No. 4 30-0-30 mA., and	Calibrated for Fe. panel Calibrated for N/Fe. panel; self-contained;	
L-1/ ND 00020	150-0-150 mA., two range	3 terminals	
Z4/ZA 17954	40-0-40 mA.	Calibrated for N/Fe. panel	
Z4/ZA 19725	50 mA., No. 2	Calibrated for N/Fe. panel	
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Z4/ZA 29480	50 mA., No. 3	Calibrated for Fe. panel; aluminium alloy case; body dia.	
L4) LA 29400		2.616 in.; front flange 2.9 in. O.D.; terminals	
		2 B.A. x 1.3/8 in. on 1.3/8 in. centres, 1/2 in.	
		above horizontal centre-line; with earthing tag on	
		case; c/w Clips, fixing, 2.1/2 in. instruments, set (Z4/XB 14710)	
Z4/ZD 02974	50 mA., No. 4	Calibrated for Fe. panel; resistance between terminals	
		1.71 ohms ± 20%; body dia. 2.13/32 in.; with	
· · · · ·		bezel, 3.3/16 in. O.D. for securing to panel;	
		terminals 2 B.A. x 1.3/8 in. on 1.3/8 in. centres,	
		1/2 in. above horizontal centre-line; earthing tag	
Z4/XB 15830	50-0-50 mA.	fitted to terminal Calibrated for N/Fe. panel	
Z4/ZA 28899	60-0-60 mA.	Calibrated for Fe. panel	
Z4/XB 15952	100 mA., No. 1	Calibrated for Fe. panel at 85° F	
Z4/ZA 17958	100 mA., No. 2	Calibrated for N/Fe. panel; supplied with external	
Z4/Z A 19726	300 mA., No. 1	shunt for range X2 Calibrated for N/Fe. panel	
Z4/ZA 0673	350 mA., No. 1	Calibrated for N/Fe. panel	
Z4/ZA 29481	350 mA., No. 2	Calibrated for N/Fe. panel; details of case as for	
		Z4/ZA 29480 c/w Clips, fixing, 2.1/2 in.	
74 /VD 15550	100	instruments, sets Z4/XB 14710	
Z4/XB 15559 Z4/ZA 26847	400 mA. 500 mA.	Calibrated for N/Fe. panel; terminals 3/4 in. long Calibrated for Fe. panel	
Z4/ZA 16971	600 mA.	Calibrated for N/Fe. panel at 85° F	
Z4/XB 15707	1 amp., No. 1	Calibrated for N/Fe. panel 🦔	
Z4/XD 00104	1 amp., No. 3	Calibrated for Fe. panel; details of case as for	ES 1925
		Z4/XD 00125 c/w Clips, fixing, 2.1/2 in. instruments, sets Z4/XB 14710	
Z4/XD 00168	1 amp., and 10 amp.,	Calibrated for Fe. panel; self-contained; 3 terminals	
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SECTION Z4

Cat. No.	Item name or designation	Item description or detail	I.S.P.L. Code No.
	AMMETER, D.C. 2.1/2 in. dial Flush - continued		
Z4/WX 20941	1.5 amp., No. 1	Calibrated for Fe. panel	
Z4/ZA 21223	2 amp., No. 1	Calibrated for Fe. panel; red line at 1.5 amp.	
Z4/ZA 0208	2 amp., No. 2	Calibrated for Fe. panel	
Z4/WX 20942	3 amp.	Calibrated for Fe. panel	
Z4/ZA 21224	4 amp.	Calibrated for Fe. panel; red line	
Z4/ZA 0166	5 amp.	Calibrated for Fe. panel	
Z4/WX 20943	6 amp.	Calibrated for Fe. panel	
Z4/ZA 21225	8 amp.	Calibrated for Fe. panel; red line at 6 amp.	
Z4/XD 00123	10 amp., No. 2	Calibrated for Fe. panel; details of case as for Z4/XD 00125 c/w Clips, fixing, 2.1/2 in. instruments, sets(Z4/XB 14710)	ES. 1925
Z4/ZA 1736	15 amp.	Calibrated for Fe. panel	
Z4/XD 00397	15 amp., No. 2	Calibrated for Fe. panel; c/w Clips, fixing, 2.1/2 in., instruments, sets (Z4/XB 14710)	
Z4/ZA 14900	20 amp., No. 1	Calibrated for Fe. panel; red line at 16 amp.	
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Z4/XD 0032420 amp., No. 2Calibrated
panel hol
2.7/8 in.
on 1.3/8
line; ear
below hor
between C
detachablZ4/XB 1429520 amp., No. 3Calibrated
2.7/2 in.Z4/ZD 0301025 amp.Calibrated
2.1/2 in.Z4/ZA 016330 amp., No. 1
30 amp., No. 1
Calibrated
2.4/ZA 10003Calibrated
2.1/2 in.Z4/XB 1446830-0-30 amp.
40 amp.Calibrated
(Calibrated
(Calibrated
(Calibrated
(Calibrated
(Calibrated
(Calibrated
(Calibrated
(Calibrated
(75 mV. d)
(Calibrated
(75 mV. d)
(75 mV. d)
on 4 in. dimension
front flan
1.3/8 in.
horizontal
max.; from
2.1/2 in.

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SECTION Z4

		SECTION Z4	
Cat. No.	Item name or designation	Item description or detail	I.S.P.I Code No
	AMMETER, D.C.		
	2.1/2 in. dial		
4/XD 00080	Flush - continued 250 amp.	Calibrated for Fe. panel; c/w 4 ft. leads and	
	200 000	detached shunt; shunt fixing holes 1/2 in. dia.	
ANT DODO		clear on 5.1/2 in. centres	
4/WX 32872	400 amp.	Calibrated for Fe. panel; c/w 4 ft. leads and	
		detached shunt; shunt fixing holes 1/2 in. dia. clear on 5.1/2 in. centres	
Z4/XD 00335	450 amp.	Calibrated for Fe. and N/Fe. panels: c/w 3 ft.	
		leads and detached shunt (75 mV. drop); shunt 5.1/2	
		in. \times 1.1/4 in. \times 5/8 in. high, 2 fixing holes 9/32 in. dia. on 4 in. centres	
14/4605 00 010 0261			
24/6625-99-012-0361	Round flange; 0-10 amp.	Moving iron or moving magnet; 2.1/2 in. barrel dia.	
	Square flange	Instruments are to B.S. 89 except as stated; cases	
Z4/ZD 03356	500µA	are moulded, with terminal stems, except as stated	
L-47 ZD 033300	Sooity	Calibrated for 1/16 in. thick Fe. panel; resistance 30 ohms; details of case as for Z4/XD 00050	
		1001000000 SO Ohms, decails of case as for 24/XD 00050	
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7 4/ 7D 03351	1004	Colliburated for 1/1/ to this to	4
24/ZD 03351	10mA.	Calibrated for 1/16 in. thick Fe. panel; details	
	10mA. 20mA.	of case as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F. for	
		of case as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F. for use at temperatures up to 113° F.; 5mA F.S.D.:	
		of case as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F. for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 20mA range for	
		of case as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F. for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 20mA., range for use in two circuits; body dia. 2.1/2 in.; flange 3.3/16 in.; 3 fixing stems 6 B.A. x 1/2 in.	
		of case as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F. for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 20mA., range for use in two circuits; body dia. 2.1/2 in.; flange 3.3/16 in.; 3 fixing stems 6 B.A. x 1/2 in. equally spaced on 2.7/8 in. P.C.D. with one stem	
		of case as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F. for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 20mA., range for use in two circuits; body dia. 2.1/2 in.; flange 3.3/16 in.; 3 fixing stems 6 B.A. x 1/2 in. equally spaced on 2.7/8 in. P.C.D. with one stem at top on vertical centre-line; shrouded 4 B.A.	
24/XD 00050		of case as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F. for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 20mA., range for use in two circuits; body dia. 2.1/2 in.; flange 3.3/16 in.; 3 fixing stems 6 B.A. x 1/2 in. equally spaced on 2.7/8 in. P.C.D. with one stem	
z4/xid 00050		<pre>of case as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F. for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 20mA., range for use in two circuits; body dia. 2.1/2 in.; flange 3.3/16 in.; 3 fixing stems 6 B.A. x 1/2 in. equally spaced on 2.7/8 in. P.C.D. with one stem at top on vertical centre-line; shrouded 4 B.A. terminals on 1.3/8 in. centres on horizontal centre- line Calibrated for Fe. panel; calibrated at 85° F. for</pre>	
Z4/XD 00050	20mA.	of case as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F. for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 20mA., range for use in two circuits; body dia. 2.1/2 in.; flange 3.3/16 in.; 3 fixing stems 6 B.A. × 1/2 in. equally spaced on 2.7/8 in. P.C.D. with one stem at top on vertical centre-line; shrouded 4 B.A. terminals on 1.3/8 in. centres on horizontal centre- line Calibrated for Fe. panel; calibrated at 85° F. for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w	
Z4/XD 00050 Z4/XD 00040	20mA.	of case as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F. for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 20mA., range for use in two circuits; body dia. 2.1/2 in.; flange 3.3/16 in.; 3 fixing stems 6 B.A. x 1/2 in. equally spaced on 2.7/8 in. P.C.D. with one stem at top on vertical centre-line; shrouded 4 B.A. terminals on 1.3/8 in. centres on horizontal centre- line Calibrated for Fe. panel; calibrated at 85° F. for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 100mA. range for use	
24/XD 00050 24/XD 00040	20mA.	<pre>of case as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F. for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 20mA., range for use in two circuits; body dia. 2.1/2 in.; flange 3.3/16 in.; 3 fixing stems 6 B.A. x 1/2 in. equally spaced on 2.7/8 in. P.C.D. with one stem at top on vertical centre-line; shrouded 4 B.A. terminals on 1.3/8 in. centres on horizontal centre- line Calibrated for Fe. panel; calibrated at 85° F. for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 100mA. range for use in two circuits; case details as for 74/XD 00050</pre>	
Z4/XD 00050 Z4/XD 00040 Z4/ZD 03353	20mA. 100mA. 100mA.	 of case as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F. for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 20mA., range for use in two circuits; body dia. 2.1/2 in.; flange 3.3/16 in.; 3 fixing stems 6 B.A. x 1/2 in. equally spaced on 2.7/8 in. P.C.D. with one stem at top on vertical centre-line; shrouded 4 B.A. terminals on 1.3/8 in. centres on horizontal centre-line Calibrated for Fe. panel; calibrated at 85° F. for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 100mA. range for use in two circuits; case details as for Z4/XD 00050 Calibrated for 1/16 in. thick Fe. panel; details of case as for Z4/XD 00050 	
Z4/XD 00050 Z4/XD 00040 Z4/ZD 03353	20mA. 100mA.	 of case as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F. for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 20mA., range for use in two circuits; body dia. 2.1/2 in.; flange 3.3/16 in.; 3 fixing stems 6 B.A. × 1/2 in. equally spaced on 2.7/8 in. P.C.D. with one stem at top on vertical centre-line; shrouded 4 B.A. terminals on 1.3/8 in. centres on horizontal centre-line Calibrated for Fe. panel; calibrated at 85° F. for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 100mA. range for use in two circuits; case details as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F. for 	
z4/xD 00050 24/xD 00040 24/ZD 03353	20mA. 100mA. 100mA.	 of case as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F. for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 20mA., range for use in two circuits; body dia. 2.1/2 in.; flange 3.3/16 in.; 3 fixing stems 6 B.A. x 1/2 in. equally spaced on 2.7/8 in. P.C.D. with one stem at top on vertical centre-line; shrouded 4 B.A. terminals on 1.3/8 in. centres on horizontal centre-line Calibrated for Fe. panel; calibrated at 85° F. for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 100mA. range for use in two circuits; case details as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F., for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 100mA. range for use in two circuits; case details as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F., for use at temperatures up to 113° F.; 5mA., F.S.D.; 	
Z4/XD 00050 24/XD 00040 24/ZD 03353 24/XD 00041	20mA. 100mA. 100mA. 150 mA., No. 1	 of case as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F. for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 20mA., range for use in two circuits; body dia. 2.1/2 in.; flange 3.3/16 in.; 3 fixing stems 6 B.A. x 1/2 in. equally spaced on 2.7/8 in. P.C.D. with one stem at top on vertical centre-line; shrouded 4 B.A. terminals on 1.3/8 in. centres on horizontal centre-line Calibrated for Fe. panel; calibrated at 85° F. for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 100mA. range for use in two circuits; case details as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F., for use at temperatures up to 113° f.; 5mA., F.S.D.; c/w two detached shunts each for 100mA. range for use in two circuits; case details as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F., for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 150mA. range for use in two circuits; case details as for Z4/XD 00050 	
24/XD 00050 24/XD 00040 24/ZD 03353 4/XD 00041	20mA. 100mA. 100mA.	 of case as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F. for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 20mA., range for use in two circuits; body dia. 2.1/2 in.; flange 3.3/16 in.; 3 fixing stems 6 B.A. x 1/2 in. equally spaced on 2.7/8 in. P.C.D. with one stem at top on vertical centre-line; shrouded 4 B.A. terminals on 1.3/8 in. centres on horizontal centre-line Calibrated for Fe. panel; calibrated at 85° F. for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 100mA. range for use in two circuits; case details as for 24/XD 00050 Calibrated for Fe. panel; calibrated at 85° F., for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 100mA. range for use in two circuits; case details as for 24/XD 00050 Calibrated for Fe. panel; calibrated at 85° F., for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 150mA. range for use in two circuits; case details as for 24/XD 00050 Calibrated for Fe. panel; calibrated at 85° F., for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 150mA. range for use in two circuits; case details as for 24/XD 00050 	
Z4/ZD 03351 Z4/XD 00050 Z4/XD 00040 Z4/XD 00041 4/XD 00051	20mA. 100mA. 100mA. 150 mA., No. 1	 of case as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F. for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 20mA., range for use in two circuits; body dia. 2.1/2 in.; flange 3.3/16 in.; 3 fixing stems 6 B.A. x 1/2 in. equally spaced on 2.7/8 in. P.C.D. with one stem at top on vertical centre-line; shrouded 4 B.A. terminals on 1.3/8 in. centres on horizontal centre-line Calibrated for Fe. panel; calibrated at 85° F. for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 100mA. range for use in two circuits; case details as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F., for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 100mA. range for use in two circuits; case details as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F., for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 150mA. range for use in two circuits; case details as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F., for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 150mA. range for use in two circuits; case details as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F., for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 150mA. range for use in two circuits; case details as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F.; for use at temperatures up to 113° F.; 5mA., F.S.D.; 	
24/XD 00050 24/XD 00040 24/ZD 03353 4/XD 00041 4/XD 00051	20mA. 100mA. 100mA. 150 mA., No. 1 200 mA.	<pre>of case as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F. for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 20mA., range for use in two circuits; body dia. 2.1/2 in.; flange 3.3/16 in.; 3 fixing stems 6 B.A. x 1/2 in. equally spaced on 2.7/8 in. P.C.D. with one stem at top on vertical centre-line; shrouded 4 B.A. terminals on 1.3/8 in. centres on horizontal centre- line Calibrated for Fe. panel; calibrated at 85° F. for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 100mA. range for use in two circuits; case details as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F., for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 100mA. range for use in two circuits; case details as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F., for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 150mA. range for use in two circuits; case details as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F., for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 150mA. range for use in two circuits; case details as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F.; for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w detached shunt for 200 mA. range; case details as for Z4/XD 00050</pre>	
Z4/XD 00050 Z4/XD 00040 Z4/ZD 03353 Z4/XD 00041	20mA. 100mA. 100mA. 150 mA., No. 1	 of case as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F. for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 20mA., range for use in two circuits; body dia. 2.1/2 in.; flange 3.3/16 in.; 3 fixing stems 6 B.A. x 1/2 in. equally spaced on 2.7/8 in. P.C.D. with one stem at top on vertical centre-line; shrouded 4 B.A. terminals on 1.3/8 in. centres on horizontal centre-line Calibrated for Fe. panel; calibrated at 85° F. for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 100mA. range for use in two circuits; case details as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F., for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 100mA. range for use in two circuits; case details as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F., for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 150mA. range for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 150mA. range for use in two circuits; case details as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F., for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 150mA. range for use in two circuits; case details as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F.; for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w detached shunt for 200 mA. range; case details as for Z4/XD 00050 Calibrated for 1/16 in. thick Fe. panel; details of 	
Z4/XD 00050 Z4/XD 00040 Z4/XD 03353 Z4/XD 00041 4/XD 00051 4/ZD 03354	20mA. 100mA. 100mA. 150 mA., No. 1 200 mA.	 of case as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F. for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 20mA., range for use in two circuits; body dia. 2.1/2 in.; flange 3.3/16 in.; 3 fixing stems 6 B.A. x 1/2 in. equally spaced on 2.7/8 in. P.C.D. with one stem at top on vertical centre-line; shrouded 4 B.A. terminals on 1.3/8 in. centres on horizontal centre- line Calibrated for Fe. panel; calibrated at 85° F. for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 100mA. range for use in two circuits; case details as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F., for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 100mA. range for use in two circuits; case details as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F., for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 150mA. range for use in two circuits; case details as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F.; for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 150mA. range for use in two circuits; case details as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F.; for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w detached shunt for 200 mA. range; case details as for Z4/XD 00050 Calibrated for 1/16 in. thick Fe. panel; details of case as for Z4/XD 00050 	
Z4/XD 00050 Z4/XD 00040 Z4/ZD 03353 Z4/XD 00041 4/XD 00051	20mA. 100mA. 100mA. 150 mA., No. 1 200 mA. 300 mA.	 of case as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F. for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 20mA., range for use in two circuits; body dia. 2.1/2 in.; flange 3.3/16 in.; 3 fixing stems 6 B.A. x 1/2 in. equally spaced on 2.7/8 in. P.C.D. with one stem at top on vertical centre-line; shrouded 4 B.A. terminals on 1.3/8 in. centres on horizontal centre-line Calibrated for Fe. panel; calibrated at 85° F. for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 100mA. range for use in two circuits; case details as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F., for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 100mA. range for use in two circuits; case details as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F., for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 150mA. range for use in two circuits; case details as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F., for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 150mA. range for use in two circuits; case details as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F.; for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w detached shunt for 200 mA. range; case details as for Z4/XD 00050 Calibrated for 1/16 in. thick Fe. panel; details of case as for Z4/XD 00050 Calibrated for 7/16 in. thick Fe. panel; details of case as for Z4/XD 00050 	
Z4/XD 00050 Z4/XD 00040 Z4/XD 03353 Z4/XD 00041 4/XD 00051 4/ZD 03354	20mA. 100mA. 100mA. 150 mA., No. 1 200 mA. 300 mA.	 of case as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F. for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 20mA., range for use in two circuits; body dia. 2.1/2 in.; flange 3.3/16 in.; 3 fixing stems 6 B.A. x 1/2 in. equally spaced on 2.7/8 in. P.C.D. with one stem at top on vertical centre-line; shrouded 4 B.A. terminals on 1.3/8 in. centres on horizontal centre-line Calibrated for Fe. panel; calibrated at 85° F. for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 100mA. range for use in two circuits; case details as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F., for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 100mA. range for use in two circuits; case details as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F., for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 150mA. range for use in two circuits; case details as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F., for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 150mA. range for use in two circuits; case details as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F.; for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w detached shunt for 200 mA. range; case details as for Z4/XD 00050 Calibrated for 1/16 in. thick Fe. panel; details of case as for Z4/XD 00050 Calibrated for 1/16 in. thick Fe. panel; details of case as for Z4/XD 00050 Calibrated for 1/16 in. thick Fe. panel; details of case as for Z4/XD 00050 Calibrated for 7/16 in. thick Fe. panel; details of case as for Z4/XD 00050 	
24/XD 00050 24/XD 00040 24/XD 03353 24/XD 00041 4/XD 00051 4/ZD 03354	20mA. 100mA. 100mA. 150 mA., No. 1 200 mA. 300 mA.	 of case as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F. for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 20mA., range for use in two circuits; body dia. 2.1/2 in.; flange 3.3/16 in.; 3 fixing stems 6 B.A. x 1/2 in. equally spaced on 2.7/8 in. P.C.D. with one stem at top on vertical centre-line; shrouded 4 B.A. terminals on 1.3/8 in. centres on horizontal centre-line Calibrated for Fe. panel; calibrated at 85° F. for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 100mA. range for use in two circuits; case details as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F., for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 100mA. range for use in two circuits; case details as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F., for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 150mA. range for use in two circuits; case details as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F., for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 150mA. range for use in two circuits; case details as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F.; for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w detached shunt for 200 mA. range; case details as for Z4/XD 00050 Calibrated for 1/16 in. thick Fe. panel; details of case as for Z4/XD 00050 Calibrated for 7/16 in. thick Fe. panel; details of case as for Z4/XD 00050 	
Z4/XD 00050 Z4/XD 00040 Z4/XD 03353 Z4/XD 00041 4/XD 00051 4/ZD 03354	20mA. 100mA. 100mA. 150 mA., No. 1 200 mA. 300 mA.	 of case as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F. for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 20mA., range for use in two circuits; body dia. 2.1/2 in.; flange 3.3/16 in.; 3 fixing stems 6 B.A. x 1/2 in. equally spaced on 2.7/8 in. P.C.D. with one stem at top on vertical centre-line; shrouded 4 B.A. terminals on 1.3/8 in. centres on horizontal centre-line Calibrated for Fe. panel; calibrated at 85° F. for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 100mA. range for use in two circuits; case details as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F., for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 100mA. range for use in two circuits; case details as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F., for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 150mA. range for use in two circuits; case details as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F., for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 150mA. range for use in two circuits; case details as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F.; for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w detached shunt for 200 mA. range; case details as for Z4/XD 00050 Calibrated for 1/16 in. thick Fe. panel; details of case as for Z4/XD 00050 Calibrated for 1/16 in. thick Fe. panel; details of case as for Z4/XD 00050 Calibrated for 1/16 in. thick Fe. panel; details of case as for Z4/XD 00050 Calibrated for 7/16 in. thick Fe. panel; details of case as for Z4/XD 00050 	
24/XD 00050 24/XD 00040 24/XD 03353 24/XD 00041 4/XD 00051 4/ZD 03354	20mA. 100mA. 100mA. 150 mA., No. 1 200 mA. 300 mA.	 of case as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F. for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 20mA., range for use in two circuits; body dia. 2.1/2 in.; flange 3.3/16 in.; 3 fixing stems 6 B.A. x 1/2 in. equally spaced on 2.7/8 in. P.C.D. with one stem at top on vertical centre-line; shrouded 4 B.A. terminals on 1.3/8 in. centres on horizontal centre-line Calibrated for Fe. panel; calibrated at 85° F. for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 100mA. range for use in two circuits; case details as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F., for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 100mA. range for use in two circuits; case details as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F., for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 150mA. range for use in two circuits; case details as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F., for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 150mA. range for use in two circuits; case details as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F.; for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w detached shunt for 200 mA. range; case details as for Z4/XD 00050 Calibrated for 1/16 in. thick Fe. panel; details of case as for Z4/XD 00050 Calibrated for 1/16 in. thick Fe. panel; details of case as for Z4/XD 00050 Calibrated for 1/16 in. thick Fe. panel; details of case as for Z4/XD 00050 Calibrated for 7/16 in. thick Fe. panel; details of case as for Z4/XD 00050 	
24/XD 00050 4/XD 00040 4/ZD 03353 4/XD 00041 4/XD 00051 4/ZD 03354	20mA. 100mA. 100mA. 150 mA., No. 1 200 mA. 300 mA.	 of case as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F. for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 20mA., range for use in two circuits; body dia. 2.1/2 in.; flange 3.3/16 in.; 3 fixing stems 6 B.A. x 1/2 in. equally spaced on 2.7/8 in. P.C.D. with one stem at top on vertical centre-line; shrouded 4 B.A. terminals on 1.3/8 in. centres on horizontal centre-line Calibrated for Fe. panel; calibrated at 85° F. for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 100mA. range for use in two circuits; case details as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F., for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 100mA. range for use in two circuits; case details as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F., for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 150mA. range for use in two circuits; case details as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F., for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w two detached shunts each for 150mA. range for use in two circuits; case details as for Z4/XD 00050 Calibrated for Fe. panel; calibrated at 85° F.; for use at temperatures up to 113° F.; 5mA., F.S.D.; c/w detached shunt for 200 mA. range; case details as for Z4/XD 00050 Calibrated for 1/16 in. thick Fe. panel; details of case as for Z4/XD 00050 Calibrated for 1/16 in. thick Fe. panel; details of case as for Z4/XD 00050 Calibrated for 1/16 in. thick Fe. panel; details of case as for Z4/XD 00050 Calibrated for 7/16 in. thick Fe. panel; details of case as for Z4/XD 00050 	

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SECTION Z4			
Cat. No.	Item name or designation	Item description or detail	I.S.P.L. Code No.
	AMMETER D.C.		
	2.1/2 in. dial Square flange - continued		
z4/zd 03355	2 amp	Calibrated for 1/16 in. thick Fe. panel; details of case as for Z4/XD 00050	
Z4/XD 00121	3 amp	Calibrated for Fe. panel; body dia. 2.9/16 in.; flange 2.13/16 in. x 2.13/16 in.; 4 fixing holes, 6 B.A. on 3.3/8 in. P.C.D.; terminals 1/4 in. B.S.F. x 3/4 in. on 1.3/8 in. centres 1/2 in. above horizontal centre-	
		line, red line on scale at 2 amp.	
Z4/XD 00122 Z4/XD 00018	15 amp 25 amp	As for Z4/XD 00121 but with red line on scale at 10 amp. Calibrated for Fe. panel; case details as for Z4/XD 00121	
Z4/XD 00394	30 amp	Calibrated for Fe. panel; red line on scale at 23 amp; case details as for Z4/XD 00121	
Z4/XD 00360	<i>35 amp</i> 50 amp	Calibrated for Fe. panel; case details as for Z4/XD 00121 Calibrated for Fe. panel; case details as for Z4/XD 00121	
Z4/XD 00337 Z4/XD 00396	60 amp	Calibrated for Fe. panel; c/w 30 in. leads and detached shunt (75 mV. drop); red line on scale at 50 amp.;	
		body dia. 2.9/16 in.; flange 2.13/16 in. x 2.13/16 in.; body dia. 2.9/16 in.; flange 2.13/16 in. x 2.13/16 in.;	
		four fixing holes 6 B.A. on 3.3/8 in. P.C.D.; terminals	
		2 B.A. x $1/2$ in. on 1.3/8 in. centres $1/2$ in. above horizontal centre-line; shunt $4.3/4$ in. x $1.1/4$ in. x	
		horizontal centre-line; shuft 4.5/4 lin. $(12)^{-1}$ line $(1/2)^{-1}$ line $(1/2)^$	
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Z4/XD 00395	70 amp	Calibrated for Fe. panel; c/w 30 in. leads and detached shunt (75 mV. drop); red line on scale at 60 amp.; case and shunt details as for Z4/XD 00396	
	3 in. dial Flush		
Z4/XB 16228	5-0-5 amp.	Calibrated for N/Fe. panel; metal case with plated front; panel hole dia. 3.7/32 in.; terminals 2 B.A. x 3/4 in. on 1.9/16 in. centres, 3/4 in. above horizontal centre-line; secured to panel by strap to B.S. 89	
Z4/WX 35652	250 amp.	Calibrated for Fe. panel; c/w 3 ft. leads and detached shunt (75mV. drop); moulded case, front 'flange, 3.9/16 in. dia., body dia. 3.1/4 in.; secured by bar clamp for use on 16 S.W.G. panel; terminals 2 B.A. x 2 in. on 1.1/4 in. centres 9/16 in. above horizontal centre-line; shunt fixing holes two x 1/2 in. dia., clear on 5.1/2 in. centres; to B.S. 89	
	2 1/2 in dial		

Z4/XD 00126

3.1/2 in. dial

l mA

5 amp.

40-0-400mA. 100mA.

150-0-1500mA. 400 mA

Flush

Z4/ZA 17955 Z4/ZA 19727 Z4/ZA 17956 Z4/ZA 17728 Z4/XD 00369

scale 50 divisions Calibrated for Fe. panel

Calibrated for N/Fe. panel Calibrated for N/Fe. panel Calibrated for N/Fe. panel

Instruments are to W.T. Board Spec. No. K.113

Calibrated for Fe. panel; scale 50 divisions

and to B.S. 89 except as stated; cases are moulded, except as stated Calibrated for Fe. panel; resistance 200 ohms ± 1%;

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		SECTION Z4	
Cat. No.	Item name or designation	Item description or detail	I.S.P.L. Code No.
	AMMETER, D.C. 3.1/2 in. dial		
	Flush - continued		
Z4/ZB 0229	10 amp.	Calibrated for Fe. panel; red line at 5.5A.	
Z4/ZB 0285	15 amp. 50 amp	Calibrated for Fe. panel; red line at 10A.	
Z4/XA 10400 Z4/XD 00141	80-0-80 amp	Calibrated for N/Fe. panel Calibrated for Fe. panel; c/w 10 in. leads and	
247 20 00141		detached shunt; shunt fixing holes $2 \times 5/16$ in. dia. clear on 4 in. centres	
Z4/XB 12192	100 amp	Calibrated for Fe. panel; c/w 4 ft. leads (resistance 0.025 ohms) and detached shunt; shunt fixing	
Z4/WX 1301	250 amp	holes 2 x 3/8 in. dia. clear on 5 in. centres Calibrated for Fe. panel; c/w 4 ft. leads (resistance	
2	mp	0.025 ohms) and detached shurt; shurt fixing holes $2 \times 3/8$ in. dia. clear on $3.3/4$ in. centres	
Z4/WX 20895	350 amp	Calibrated for Fe. panel; c/w 4 ft. leads (resistance 0.025 ohms) and detached shunt; shunt fixing holes	
Z4/WX 12834	500 amp	1/2 in. dia. clear on 5.1/2 in. centres Calibrated for Fe. panel; c/w 4 ft. leads (resistance	
	1	0.025 ohms) and detached shunt; shunt fixing holes $2 \times 1/2$ in. dia. clear on 5.1/2 in. centres	
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	Projecting	To W.T. Board Spec. No. K.113 and to B.S. 89 except	
Z4/ZA 0216	7.5	as stated; cases are moulded except as stated	
Z4/ZA 0176	7.5 amp.	Calibrated for N/Fe. panel; red line at 5A	[
Z4/XD 00086	25 amp. 100 amp.	Calibrated for N/Fe. panel; red line at 20A	
2,7,12,00000		Calibrated for Fe. panel; c/w detached shunt (75mV. drop) and 4 ft. leads (0.025 ohms resistance);	
	Rectangular flange	shunt fixing holes 3/8 in. clear on 4.3/16 in. centres	
Z4/XD 00332	100µA. and 250µA.		
_,	double range	Calibrated for N/Fe. panel; moulded case	-
Z4/ZA 31893	500µA	Colliburate I. Com. 44. C. M. C	
,,,	3 00 000	Calibrated for 14 S.W.G. Fe. panel; details of case	
	Square flange	as for Z4/XD 00332	
		Instruments are to B.S. 89 except as stated; 'cases are moulded, except as stated	
Z4/XD 00066	250mA	Calibrated for 0.08 in. thick Fe. panel; 5 mA. F.S.D.;	
•		c/w two shunts for F.S.D. x 50	
Z4/ZD 00065	7.5 amp.	Calibrated for 0.08 in. thick Fe. panel; 5 mA. F.S.D.; c/w three shunts for F.S.D. x 1500; details of case	
	A 4	as for 24/XD 00066	
	4 in. dial	Instruments are to G.D.E.S. No. 3 and to B.S. 89,	
		except as stated; calibrated for use on Fe. and N/Fe . panels, except as stated	
Z4/XD 00077	Flush 5-0-5 amp		
Z4/WX 13481	5-0-5 amp.	Moulded case; c/w fixing clamp	
5 / WA 10+01	250 amp., No. 3	Moving iron, spring controlled; 300 A. overload mark on	
Z4/XD 00074	300 amp.	scale; C.1. case with wired glass	
	Projecting	C/w 3 ft. leads and detached shunt; C.I. case	
Z4/XD 00084	100 amp.	C/w leads and detached shunt	
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SECTION Z4				
Cat. No.	Item name or designation	Item description or detail	I.S.P.L. Code No.	
Z4/ZD 03017 Z4/ZD 03016 Z4/ZD 00322 Z4/XD 00348	AMMETER, D.C. 4 in. dial - continued Square flange 5-0-5 amp. 5-0-50 amp. and 100-0- 1000 amp. 200 amp. 5 in. dial Rectangular flange 430 amp.	 For Fe. panels up to 1/8 in. thick and for N/Fe. panels; steel case; to S.D.M.(L) 150 and B.S. 89 Details of case as for Z4/ZD 03017; c/w two pairs of leads and two shunts C/w 4 ft. 6 in. leads and detached shunt (75mV. drop); to operate in ambient temperatures - 40° C. to + 55° C.; 240° scale; steel body; for shunt demand Z4/XD 00321 Instruments are to G.D.F.S. No. 3 and B.S. 89. except as stated; calibrated for Fe. and N/Fe. panels, except as stated 500 A. overloaded mark on scale; red line on scale at 300 A.; details of case as for Z4/XD 00339; c/w 18 in. leads and detached shunt; 		
Z4/ZA 21326	6 in. dial Flush 3 amp.	for shunt demand Z4/ZA 20877 Instruments are to G.D.E.S. No. 3 and B.S. 89, except as stated; calibrated for Fe. and N/Fe. panels, except as stated Calibrated for N/Fe. panel; calibrated at 85° F.; moulded case		
U	1		¥ %	
Z4/XD 00383	100 amp.	Aluminium alloy case; c/w circular fixing clamp; c/w 3 ft. leads and detached shunt		
Z4/XD 00404 Z4/XD 00355	150 amp. 300 amp., No. 4, less shunt and leads	Aluminium alloy case; c/w circular fixing clamp; c/w 4 ft. leads and detached shunt Aluminium alloy case; c/w circular fixing clamp; for shunt and 3 ft. leads demand shunts No. 1 Z4/XB 10200 and No. 2 Z4/XB 10403		
Z4/WX 39676 Z4/WX 38299 Z4/ZD 03003	Projecting 100 amp. 300 amp. Portable 50-0-50µA, No. 1 equipment	Fe. case; c/w 4 ft. leads and detached shunt C.I. case; c/w 4 ft. leads and detached shunt Special Moving coil meter (Z4/ZD 03001) with 5 in. scale;		
z4/zd 03887	0-10, 20mA., precision, No. 1	issued in a wood carrying case (Z4/ZD 03002) A two range electrodynamic instrument, accuracy 0.3%; calibrated on D.C. and 50 c/s; issued		
Z4/WD 4010	150mA., No. 1, equipment	in wooden case A three range milliammeter with a 4 in. linear scale; issued in leather carrying cases		
Z4/WY 0900 Z4/WY 0846 Z4/WY 0899	150mA., sub-standard, No. 1 500mA., sub-standard, No. 1 150 amp., sub-standard, No. 1, equipment, E and V	A two range M.C. instrument with a 5 in. mirror scale A seven range M.C. instrument with scale engraved 0-100 A four range M.C. instrument with three external shunts; issued in leather carrying case with connecting leads		
	150 amp., sub-standard,	Details as for No. 1 equipment, E and V, but different manufacture and supplied with four		
2-4/HI V077	No. 1, equipment, E and V	shunts; issued in leather carrying case with connecting leads Details as for No. 1 equipment, E and V, but		

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SECTION Z4

Cat. No.	Item name or designation	Item description or detail	7001
	-		I.S.P.L. Code No.
	AMMETER D.C.		
Z4/XB 0123	Portable - continued 450 amp., sub-standard		•
247 AB 0125	No. 1, equipment, E.E.	An eight range moving coil having two scales engraved 0-15 and 0-150. Used to calibrate the ammeter in the	
		lamp circuit of searchlight equipment. Supplied with	
		external shunts and connecting leads housed in leather case	
Z4/ZD 00411	No. 1, equipment, E and V.	Basically identical to No. 1, equipment, E.E., but	
	2.1/2 in. scale	fitted with 8 shunts	
Z4/XD 00105	30-0-30mA	Moulded case with front terminals; magnetically	
		shielded, anti-parallax mirror: knife edged pointer	
Z4/XB 0040	0,1 amp., 1 amp and 10 amp tripole range, No. 1	Moulded case with 4 terminals; magnetically screened.	
		anti-parallax mirror; hnife edged pointer; in leather carrying case with sling or carrying handle	
Z4/XB 11993	5 in. scale, 1,000 amp.	With 5 ft. leads and detached shunt: case of hard	
		wood or laminated material with hinged flap over dial; with carrying handle	
- 1 /100 - 00 100	6 in. scale		
Z4/XD 00402	15 amp.	Hard wood case with hinged flap over dial; leather carrying handle	
34/XB 0100	250 amp.	Hard wood case with hinged flap over dial: leather	
		carrying handle	
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Z4/XB 0061	8 in. scale, 15 amp.	Self-contained moving coil, 1st grade accuracy, B.S. 89. dead beat, movement spring controlled, magnetically	
		shielded, knife edged pointer, external zero	
		adjuster, hard wood case with hinged lid over	
		glass panel, 2 terminal stems with captive heads, leather carrying handle	
	AMMETER, M.C.		
Z4/ZD 04884	2.29 in., square flush, 5mA.		
	2.1/2 in. dia. Flange mounted		
Z4/6625-99-077-0055	500-0-500µ, D.C.		
z4/6625-99-100-0370	Flush 100µA.	Calibrated for Fe panel, aluminium alloy case	
Z4/ZD 04098	5mA.		
Z4/6625-99-100-3185	25mA -		
Z4/6625-99-100-3191 Z4/ZD 04625	250mA. 100-0-100mA.		
Z4/6625-99-100-3181	1A•		
z4/6625-99-100-5401	Panel type 100-0-100µA., D.C.		
Z4/6625-99-100-5401 Z4/6625-99-100-5410	0 to 5mA., D.C.		
Z4/6625-99-100-5430	0 to 50mA., D.C.		
	3.1/2 in. dia. Flush		
Z4/6625-99-100-4608	0-200µA-	650 ohms	
Z4/ZD 04858	30-0-30µA.		ł
Z4/ZD 04536 Z4/ZD/FV 279711	50mA~ 60A•		1
	Panel type		
Z4/6625-99-100-5491	0 to 50mA., D.C.		l
Z4/6625-99-100-5584	0 to 2.5A., D.C. Round flange mounted		l
1	0-100A., D.C.	W/o shunt	
Z4/6625-99-900-1857			I
Z4/6625-99-900-1857			
Z4/6625-99-900-1857		29	
Z4/6625-99-900-1857		29 Restricted	
Z4/6625-99-900-1857			

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Cat. No.	Item name or designation	Item description or detail	I.S.P.L Code No
Z4/6625-99-100-6608 Z4/6625-99-100-5378 Z4/6625-99-100-4904 Z4/6625-99-100-4989 Z4/6625-99-100-4977 Z4/6625-99-100-4870 Z4/6625-99-100-7010 Z4/6625-99-100-9137 Z4/6625-99-100-9137	AMMETER, M.C continued Panel type 2 in. dia. 0 to 50μ A, D.C. 2.062 in. dia. body 0 to 4mA, D.C. 2.1/2 in. dia. body 0 to 1.5mA and 0 to 30mA, D.C. 0 to 250mA, D.C. Rated 200mV, $\pm 1\%$ 0 to 5A, D.C. 2.5/8 in. dia. 100-0-100 μ A, D.C. 3.1/2 in. dia. body 0 to 100 μ A, D.C. $\pm 115mV$. sensitivity 200mV. sensitivity	Single scale	
Z4/6625-99-100-5373 Z4/6625-99-100-5377	100-0-100µA, D.C.		
24/6625-99-100-3929			
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z 4/ 6625–99–900–4166	Portable 3.3/4 in. x 7.1/2 in. x 8 in. 0 to 15 A, D.C. 6 in. scale	Portable indicating ammeter, moving coil, spring controlled pattern. Range and scale 0 to 15 amps. D.C. self-contained, knife-edged pointer over 6 in. mirrored scale, marked with 150 divisions, numbered at cardinal points 0, 1, 2, 3, etc. Enclosed in polished case with flap over glass,	
24/ZD 04537	Rectifier, 50 c/s. 3.1/2 in. dia. flush 5mA	leather carrying handle	
	AMMETER, M.I. 1.7/8 in. dia.		
24/ZD 04829	Flush 30A		
	2.1/2 in. dia. Flush		
4/6625-99-077-0243 4/6625-99-943-6878	10A 10-15-20-25-30A		
4/6625-99-943-5802 4/ZD 04154	50A 150A		
24/6625-99-900-1887 24/6625-99-900-1888	Round flange mounted 0-5A A.C. 0-10A A.C.	45–65 c/s 45–65 c/s	
4/ZD 04832	4 in. dia. Flush		
~/ LU V4032	50A		
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		SECTION Z4	
Cat. No.	Item name or designation	Item description or detail	I.S.P.L. Code No.
Z4/6625-99-100-4917 Z4/6625-99-100-4960	AMMETER, M.I continued Panel type 2.062 in. dia. body 0 to 3A., 400 c/s 3.1/2 in. dia. body 0 to 2.5A., 50 and 400 c/s AMMETER, Portable, A.C.		
Z4/WY 0004	Double range 7.5/15A., precision grade, No. 1	Dynamometer type instrument with internal transformer. For general workshop use	9 -
Z4/WY 0709	AMMETER, Portable, A.C./D.C. 1A., precision, No. 1	Electrodynamic type instrument manufactured to B.S. 89. Scale accuracy at 50 c/s. and D.C. within <u>+</u> 0.3%	
	AMMETER, R.F, 2 in. dial	Conform to the following particulars unless otherwise stated; Moving coil type, thermo couple operated; self-contained To W.T. Board Spec, K.113 and to B.S. 89, except as stated	
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Z4/ZD 00059 Z4/ZA 21547 Z4/ZA 29967 Z4/ZA 0252 Z4/ZA 0278 Z4/ZA 10909 Z4/ZA 16175 Z4/ZA 29482 Z4/XB 14131	Flush 0.5 amp. Projecting 500mA 500mA., No. 2 1 amp. 3 amp. 2.1/2 in. dia. Flush 12 amp., No. 1 12 amp., No. 2 12 amp., TPL. AMMETER, Tong test, moving iron 4.13/32 in. x 4 in. grip	Calibrated for Fe.panel; terminal stems R.F. Ammeters have terminal plugs Calibrated for Fe. panel Calibrated for Fe. panel; aluminium alloy case Calibrated for Fe. and N/Fe. panels Calibrated for Fe. and N/Fe. panels W.T. Board Spec. No. K.113 and to B.S. 89, except as stated Calibrated for N/Fe. panel; at 85°F Calibrated for Fe. panel; terminal stems 3/4 in. long Calibrated for N/Fe. panel; aluminium alloy case	
Z4/ZD 03015 Z4/ZD 04494	600A., A.C. AMPLIFIER Pulse CT 205 Equipment Wide band B.P.L. type WA 1157	For use in conjunction with oscilloscope, high speed for the examination and measurement of voltage pulse wave forms up to 20 mc/s duration and 0.4 to 90V.peak amplitude, positive or negative polarity	12663
Z4/ZD 04495	B.P.L. type WA 1157 Equipment	Provides a calibrated degree of amplification over a wide range of frequencies up to 30 mc/s	12906
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Cat. No.	Item name or designation	Item description or detail	I.S.P.L Code No
Z4/ZD 03932 Z4/ZD 02007 Z4/ZD 02014	ANALYSER I.C. engine Portable No. 1 Equipment Transportable, No. 1, equipment	Less battery For accurate fault diagnosis and adjustment of I.C. engines fitted to service vehicles having 6, 12 or 24 volt systems with screened or unscreened ignition	12252 12251
z4/WD 4198 24/ZD 04933 z4/6625-99-102-1805 z4/6625-99-580-6737	Wave Harmonic No. 1 ANALYSER, SPECIRUM OA-1094 OA-1094A OA-1094 A/S	With a frequency response within 0.5 db. over the whole range Marconi type High frequency 3-30 Mc/s;cathode ray tube type	13039
Z4/6625-99-944-7662 Z4/6625- 99-972-4355	T.F. 455E T.F. 2330	Including mains lead	
			\smile
Z4/4910-99-949-4821	ANALYSER SET, ENGINE Crypton type W.O. B60 With accessories	Provides test facilities for checks on vehicle I.C. engines and electrical equipment	13992
z4/6625-99-103-6027	ANALYSER SET, SPECTRUM	Airmec type 853 with probe and mains connector	
z4/ZD 03340	ATTENUATOR High voltage CT/117, equipment Tapped	For use in conjunction with Oscilloscope, high speed for the examination of voltage pulse wave forms of up to 50V. sec. duration and 250-50,000 V. peak amplitude	12896
Z4/ZD 03885	R.F. 0-80 db., No. 1 Mk. 2	Providing attenuation in 1 db. steps through three rotary switches; impedance 75 ohms; frequency 0-5 Mc/s.; max. input 3V.	
	Variable A.F.		
<i>z4/wy 0007</i> z4/wy 3240	No. 1, Mr. 1 No. 1, Mk. 1/1	For measuring A.F. gains and losses Similar to Mk. 1 but suitable for use in tropical areas	
Z4/6625-99-105-7844	Resistive type Tapped, C.F. No. 1, Mk. 4	600 ohms; 80db.attenuation in 1db.steps; 12.1/2 in. \times 5 in. \times 5.1/2 in. o/a dim.	14816
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Cat. No.	Item name or designation	Item description or detail	I.S.P.L. Code No.
Z4/ZD 00479 24/WY 0778 Z4/ZD 00233 Z4/6625-99-972-9733 Z4/ZD 00239 Z4/6625-99-100-3605	ATTENUATOR Variable A.F continued No. 3, bench model No. 3, rack mounting C.F. No. 1, equipment C.T.421 Marconi Instruments T.F. 1073A/2S BALLOON, Latex, 100 GM ERIDGE, ADMITTANCE	 Similar to No. 3 rack mounting, but fitted in cabinet wood, No. 16 (Z4/WY 0777) High grade T type for measuring A.F. gains and losses T type for measuring A.F. gains and losses. Supplied in backtest equipment, No. 48 (Z4/WY 2577) Attenuation range 100 db. in coarse 20 db. and fine 1 db. steps A balloon of 250 in. circumference. When inflated used for calibration of radar equipment in conjunction with Reflectors, spherical passive, No. 1 equipment (Z4/ZD 00009) With a variable capacitor and resistor drum adjustment; separate balance detector and external oscillator are not included 	13888
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24/wy 0011 24/wy 0012 24/ZD 00505 4/ZD 02961 24/6625-99-103-2120 24/wy 0024 4/wD 3327 24/wD 3327	No. 2, Mk. 2/1 No. 2, Mk. 4 B.P.L. Ltd., Type CB-154D-Mk. 3 BRIDGE IMPEDANCE No. 1 Mk. 1 No. 3	 Used for testing capacitors, electrolytic Measures capacitance, power factor and leakage current Similar to Mk. 1 but fitted with International Octal based valves Similar to Mk. 2 except for size and improved layout of components Similar to Mk. 2/1 but fitted with new mains voltage selector panel and an 8 ohm resistor in pilot lamp feed; uses preferred components and is fitted with a capacity discharge switch For testing tantalum and aluminium capacitors, direct measurements of capacitance power factor and leakage current For measuring resistance, inductance, coil magnification and capacitor loss. The capacitance and inductance bridges are energised by a 1 kc/s. oscillator H.F. designed to measure balanced or unbalanced unknowns For use at carrier frequencies on balanced circuits and suitable for measuring balance to ground impedance. May be used as a general purpose impedance bridge 	10261
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		SECTION Z4	
Cat. No.	Item name or designation	Item description or detail	I.S.P.L Code No
Z4/6625-99-949-0518	BRIDGE IMPEDANCE - continued No. 5	A high grade transportable bridge for rack-mounting or beach use. Measures inductance, capacitance, resistance, coil magnification and capacitance	10652
<i>24/6625-99-949-0517</i> 24/6625-99-949-1338	Equipment Unit	loss at audio frequencies Foster type SC 431	
Z4/WY 0009	BRIDGE MEGGER No. 1, Mk. 2	For measuring insulation by direct indication. Test	
34/ZD 00200	No. 3, Mx. 2 equipment	voltage supplied by constant pressure type generator Incorporates a bridge megger for measuring insulation resistance by direct indication. Issued in Case,	
z4/zd 00298	No. 3, Mk. 2/1 equipment	carrying, leather, No. 1 Similar to Mk. 2 but fitted with "Orlite" bearings instead of roller bearings	12882
	BRIDGE TEST		
74/WY 2 438	Avo No. 1, Mk. 1, equipment	For measuring resistance, capacitance and inductance, and of capacitance power factor and leakage. May also be used as a value volt meter. Supplied in Case, test equipment, No. 5	
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Z4/ ZD 002 3 4	No. 1, Mk. 1/1, equipment	Details similar to No. 1, Mk. 1, but uses values electronic, C.V. 1893 in place of C.V.501	
Z4/WY 0251	No. 1, Mr. 2	As for No. 1, Mk. 1 but employs a triode for voltage amplification and metal rectifier for meter current	
Z4/ZD 00225	No. 1, Mk. 2, equipment	As for No. 1, Mk. 1 except uses preferred value components; a triode value and metal rectifier	6449
Z4/ZD 00752	No. 2, equipment	are fitted For measuring resistance, capacitance and inductance and of capacitor leakage; supplied with ancillaries and spares in Case, test equipment, wood	10564
24/6625-99-943-2442	ERIDGE, UNIVERSAL C.T. 375	Wayne Kerr type B521	12996
Z4/WY 3042	BRIDGE, WHEATSTONE No. 1A, equipment	High grade for measuring resistance to an accuracy of 1 part in 50,000; calibrated at 18° C. for use in temperate zones. Supplied with ancillaries in Case, test equipment, No. 60 and Case, test	
Z4/ZD 00199	No. 1B, equipment	equipment, No. 58 Similar to 1A, except calibrated at 35° C. for	
		use in tropical zones.	
Z4/WY 3051	No. 2	Similar to 1A, except that resistance is selected by rotary switch and ratio arms by pegs. Supplied complete with ancillaries	
Z4/ZD 02958	No. 3B, equipment	Similar to Bridge Set, Resistance No. 3A except that it is calibrated at 35° C.; for use in tropical zones	
z4/6625-99-105-3847	BRIDGE SET, ADMITTANCE Wayne Kerr B801B	RF; with manufacturers pack of recommended spares	
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		SECTION Z4	
Cat. No.	Item name or designation	Item description or detail	I.S.P.L. Code No.
Z4/6625-99-949-1332	BRIDGE SET, IMPEDANCE Foster type SC 431	With accessories	
24/6625-99-106-0649 24/6625-99-105-7475	BRIDGE SET, RESISTANCE Evershed and Vignoles No. 3A	C/w accessories, leather carrying case and canvas bag As for Bridge, Wheatstone, No. 1A, except that is	
Z4/ 6625-99-103-2258	• Pye and Co•	calibrated at 35°C.: for use in tropical zones Drawing No. GA 7422	
74/6625-99-955-3163 Z4/6625-99-104-8297 Z4/6625-99 - 103-7495	BRIDGE SET, UNIVERSAL CT530. Wavne Kerr D.14359 Marconi Instruments Type TF2701 Wayne Kerr Type R221	Including Adaptor. type Q221A and instrument case With test lead	
Z4/WY 0423	CAGE Screening Test Transportable, No. 1	An electrostatic screened compartment providing sufficient attenuation of incidental transmissions and interference to permit specification testing of receivers and amplifiers to be performed Dimensions: 6.ft $\approx 6.ft \approx 6.1/4.ft$	
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Z4/ZD 03700	Transportable, No. 2	Similar to Cage screening test, No. 1 with the exception of dimensions 7 ft. 6 in. x 7 ft. 4 in. x 7 ft. high	12899
Z4/ZD 04882	CALIBRATOR Attenuator, precision	Mains operated, 200 to 250V., 40 to 60 c/s, 300 W., for measuring attenuation to an accuracy of <u>+</u> .01 db. in the power range 90 db. relative to 1 mw.	
Z4/WY 0103	Crystal No. 6, Mk. 1	For calibrating Wave-meter, No. 1; suitable for use	
Z4/WY 0159	No. 6, Mr. 2	in temperate zones only Similar to No. 6, Mk. 1 except that preferred values	1
Z4/WY 2447	No. 7, Mk. 1, equipment	'are used and different type values incorporated Battery operated to provide modulated or unmodulated signals for calibrated receivers, oscillators, etc. w/a cells, sec. port., 16 AL, Mk. 2 and Batteries, dry, H.T., 60V., No. 1; issued with ancillaries in	
Z4/WD 3404	No. 7, Mk. 1/1, equipment	Case, test equipment, wood Similar to No. 7, Mk. 1, but suitable for tropical service	
Z4/ZD 00407	No. 7, Mk. 2, equipment	Similar to No. 7, Mk. 1/1 but improved mechanically;	10536
Z4/6625-99-946-7295	Frequency CT.432, set	housed in Case, test equipment, wood Aeronautical Radio Services type AR58/A	
Z4/6625-99-943-2421	Range Indicator, CT 379	To check the calibration of time bases on radar display systems. Crystal controlled oscillator	13489
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		SECTION 24	1
Cat. No.	Item name or designation	Item description or detail	I.S.P.L. Code No.
	CALIBRATOR - continued Signal Generator		
Z4/W Y 3263	Output No. 1, equipment	For calibrating power output of all models of Signal generator No. 6. Supplied in Case, test equipment, No. 25	
Z4/WD 4100	No. 5, equipment	For calibrating signal generators in the frequency band 1=100 Ma/s	10500
z4/zd 01081	No. 6	For calibrating the power output of Signal generator, No. 8	10582
Z4/6625-99-101-9627 Z4/6625-99-102-0603	CALIBRATOR SET Attenuator, CT 93 Voltage, CT 317	25mV 180mV.; c/w accessories in separate case	
Z4/ZD 03795	CAMERA, Oscilloscope, Model 1428, Mk. 2A	For photographic recording of waveforms. Used in conjunction with Oscilloscopes, C.R.T., double beam, Model 1049, Mk. 3A and film recorder	
Z4/ 6625-99-105-0585	CAPACITOR, DECADE	O to 1.11 μ F 0.1% accuracy, four adjustments, 19.3/8 in. x 6.3/4 in. high x 6.1/4 in. wide	
24/ WY 2590	CELL, cadmium, standard, No. 1	Two cells, one for checking; mounted in brass, case. Used for standardising potentiometers	
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z4/6625-99-949-3777	CIRCUIT BREAKER. ELECTRONIC	Connected between a D.C. power supply (35V., 6 amps max. output) and a load, the unit will isolate the supply in the event of a voltage transient exceeding predetermined voltage levels, i.e. approx. between 29 and 35V.	
z4/5340-99-943-5006	CLAMP. RIM. CLENCHING 2.5/16 in. dia. grip	Aluminium 2.1/2 in. long, 2.1/2 in. wide, .320 in. thick four fixing holes	
z4/5975-99-972-6750	2.895 in. I.D.	3.3/8 in. O.D., 7/16 in. high	
	CONDENSER Variable		
Z4/WY 2981 Z4/ZD 00788	Standard 0.0012µF., No. 1 0.0012µF., No. 1	Range, 80-1,200µµF Range, 60-1,200µµF	
Z4/6625-99-104-5121 Z4/6625-99-933-1884 Z4/6625-99-953-2063	CONVERTER, FREQUENCY, ELECTRONIC Marconi Type TF2400/1 Marconi Type TM5951 Marconi type TM 6448/1M1	Range 10.1-510.5 Mc/s. Range 10 Kc/s-100.1 Mc/s O to 3 mc/s input; 3 mc/s to 6 mc/s resultant frequency; 4 in. x 7 in. x 15.25 in. o/a dimensions. excluding mtg. brackets	
Z4/6625-99-913-1419	COUNTER, ELECTRONIC CT 463	A transistorised counter which can be used for accurate measurements of time, period and frequency	
Z4/6625-99-933-1823	COUNTER, ELECTRONIC FREQUENCY RANGE EXTENDER Marconi type TF 1434/2	Range O-10 Mc/s; bench mounting; 18 in. wide x 14.1/2 in. deep x 8 in. high	
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Cat. No.	. Item name or designation	Item description or detail	I.S.P.L. Code No.
Z4/6625-99-933-1822			
	DECIBEL METER Portable		
Z4/WY 0858	No. 1, Mk. 1, -15 to +20 db.	Used for measuring transmission levels and losses on circuits and apparatus having impedances of 600 ohms. Frequency range 50-5,000 c/s.	6608
Z4/WY 2616	No. 2, Mk. 1, -10 to $+22$ db.	As for No. 1, Mk. 1 except frequency range is 50 c/s - 120 Kc/s	6612
Z4/ ZD 00022	No. 3, Mk. 1, -15 to +30 db.	For measuring transmission levels on balanced and unbalanced circuits with impedances of 75, 150 and 600 ohms. Fitted with overload device	10197
Z4/6625-99-580-0534	DEVIATION METER	Frequency shift	
Z4/ZD 00975	DRIVE, Electric 9 speed oscillograph	Includes motor and gearbox assembly	
Z4/Z D 01981	FILLER, Balloon Mk. 7, equipment	Comprises all accessories necessary to inflate balloons, latex, 100 gm. Supplied in carrying case	

FILTER UNIT, MAINS Z4/WY 0090 No. 1 Double choke and capacitor type, mounted in cast aluminium case; 7.1/4 in. × 6.1/4 in. × 5.7/8 in. o/a dim.; two 5A cartridge fuses Double choke and capacitor type, mounted in cast aluminium case 6 in. x 3 in. x 2.1/2 in. o/a dim. Z4/WY 0091 No. 3 Z4/ZD 00974 No. 11 Comprises four windings and 16 capacitors in mild steel case; 26.3/4 in. x 5.1/4 in. x 4.1/2 in. o/a dim. For indicating the field strength of permanent FLUX-METER, No. 1 Z4/WY 0023 magnets especially those used for magnetrons w/o cells, dry, "O" Mk. 2 Z4/ZD 04977 FREQUENCY METER, Heterodyne 13271 **GALVANOMETER** Mirror Suspension type with coil resistance of 500 uhms at 74/WY 0243 No. 1 20°C. Used as part of Bridge, Wheatstone, No. 1A Suspension type with coil resistance of 500 ohms. No. 1, Mk. 2 74/ZD 02706 Used as part of Bridge Set, Resistance No. 3A Type SR4 with suspension type 4500/11C with resistance 10 ohms Portable, No. 1 z4/zD 03891 D.C.; $2\mu\mu$ A per mm; 5.5/8 in. \times 8 in. \times 9 in. Z4/6625-99-106-2384 Pointer type, 25-0-25 scale

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Cat. No.	Item name or designation	Item description or detail	I.S.P.L. Code No.
Z4/WY 3365 Z4/WY 0706	GALVANOMETER - continued Unipivot 24µA, No. 1 240µA, No. 1	With 4.1/2 in. scale engraved 0-24µA and divided into 120 equal divisions A scale length of 4.1/2 in. and coil resistance 10 ohms	
24/6625-99-104-6149	GALVANOMETER SET Pointer type; 30-0-30 scale GENERATOR	D.C.; 4.1/2 in. dia. x 2 in. high; c/w leather carrying case	
24/WD 3943	Pulse No. 1, equipment	Provides locking pulses over a wide range of recurrence frequencies, followed by echo pulses. Variable delay, amplitude and sense for radar display units. Supplied with ancillaries and spares in case, test equipment, No. 66	10769
z4/zd 05559	Signal timing Type X 5000/2	A portable time interval signal generator designed to provide a range of frequencies suitable for calibrating certain types of analysing equipment	
Z4/6625-99-945-3748 Z4/6625-99-949-1612	GENERATOR, NOISE Dawe Instruments, type M30 Marconi Instruments, TF 1106	For determining the noise factor of A.M. and F.M. receivers working in the H.F. or V.H.F. bands	13784
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24/6625-99-100-6076 24/6625-99-104-7574	GENERATOR, SIGNAL 0.01 c/s to 11.1 kc/s Marconi type, TF 1370A	Sine wave 10 c/s10 Mc/s.; square wave 10 c/s100 Kc/s.	
<i>Z4/6625-99-100-8919</i> Z4/6625-99-952-8895 Z4/6625-99-104-6144 Z4/ZD 02957 Z4/ZD 04247	Muirhead type D890-A Muirhead type D890-B Video frequency, No. 1 CT 416, equipment, No. 1 CT 416, equipment, No. 2	Range 10 c/s 100 kc/s., <u>+</u> or 1%	12670 13213
24/58 20-99-948-8560	GENERATOR, STANDARD FREQUENCY	Output frequency, 5 Mc/s, 1 Mc/s, 100 Kc/s; output impedance 50 ohms; power supply 200 to 250V A.C.; 15W.; 19 in. x 13 in. x 7 in. o/a dim.	
Z4/6625-99-100-1627 Z4/6625-99-104-0148 Z4/6625-99-972-4622	GENERATOR, SWEEP 50 c/s or 1,500 c/s 100 Kc/s to 100 Mc/s Solartron type CX1443	Sinoidal or saw tooth wave output Telonic type HD - 7 6.3/4 in. high × 3.1/4 in. wide × 11.1/4 in. deep o/a dim.	
	HANDLE, BOW	Steel, 2 studs, thread 1/4 in. U.N.F., 3/4 in. long, 1.11/16 in. height of clearance; cadmium plated	
Z4/5340-99-910-9923 Z4/5340-99-910-9925	8.3/4 in. C. to C. 12.1/4 in. C. to C.	,,,,	
Z4/ 6625-99-943-8151	INDICATOR Electrical potential, pocket type	7 in. mains tester with moulded case	
Z4/6625-99-100-6860	Electrical tachometer Panel mounting style	Flush mounting	
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Cat. No.	Item name or designation	Item description or detail	I.S.P.L Code No
	INDICATOR - continued Neon, electrical potential		
4/6625-99-949-4845	Pocket type	With screwdriver type probe tip and retaining clip; voltage range, 150 to 450V., A.C.	
24/6625-99-949-4638	Portable type	Consisting of 2 probes with fixed prods, connected by 3 ft. of flexible cable, voltage range 100 to 650V., A.C./D.C.	
4/XQ 1001 4/XQ 1002 z4/ZD 03915 4/6625-99-102-2589 z4/6625-99-949-2070	Phase sequence Portable .5/5V., equipment 60/450V., equipment 80/500V., 40-100 c/s Phase sequence and continuity 100-220V., 300/500 c/s 380-440V., 40/60 c/s	Complete in wooden box with leather carrying case 3 phase; standard model	
24/6625-99-104-5468	380-550V., 40/60 c/s	Portable	
4/6625-99-932-3719	INDICATOR UNIT, CT.300		
4/wy 2982	INDUCTOR 10 μH-, Νο. 1	A standard inductance grade 2. Inductance of 10 μ H. and self capacity 4 $\mu\mu$ F.	
.4/wy 2983	30 µH., No. 1	As for 10 μ H., except that inductance is 30 μ H.	
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4/wy 2984 4/wy 2985	100 µН., No. 1 1 mH., No. 1	Standard inductance of 100 μH_{\bullet} and self capacity 5 $\mu \mu F_{\bullet}$ As for 100 μH_{\bullet} , No. 1 except that inductance is 1 mH_{\bullet} and the self capacity 8 $\mu \mu F_{\bullet}$	
	INSTRUMENT, Testing Avometer Model 89		
4/ZD 00252	28 range, equipment	A Moving coil self-contained, multi-range instrument for general circuit measurements.	10200
4/ZD 00209	Universal 40 range Mk. 1, equipment	A Moving coil multi-range, self-contained instrument 'providing Grade 1 accuracy. Used for general circuit	2076
4/ZD 00210	Mk. 1/1, equipment	measurement As for M_{R} . 1 except that the meter movement is	
4/WY 2448	Mk. 2, equipment	replaced by meter movement No. 40 As for Mk. 1, except that the meter movement is Type 46	10115
4/WY 2439	46 range Mk. 1/1, equipment	A Moving coil, portable, self-contained instrument for general circuit measurements	
4/ZD 00207	50 range Mk. 2 equipment		
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Cat. No.	Item name or designation	Item description or detail	I.S.P.L. Code No.
	INSTRUMENT, Testing - continued Avominor Universal 22 range		10219
Z4/ZD 00116	No. 2, equipment		
Z4/ZD 00617	Electronic, multi-range No. 1, equipment	For general circuit testing, with facilities for measuring D.C. and A.C. voltage and current and R.F. voltages to a maximum frequency 250 Mc/s. Issued with ancillaries in Case, equipment, rack mounting, 6 unit, 12 in. chassis	
Z4/WY 2414	Elliott, D.C., 9 range, No. l Taylormeter	A meter for general purpose testing of generators; fitted with four shunts carried in the meter case	
Z4/W¥ 3041	Universal 18 range, equipment	A self-contained meter used for general circuit testing. Issued with ancillaries in Case, carrying	
Z4/WY 0761	27 ran ge	canvas, No. 1 A four-inch scale, moving coil meter used for general circuit testing	
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z4/wy 0277	JIG "A", phasing switch, No. 4	For assembling the motor shaft concentric with the switch housing	
Z4/WD 3550	"B1", phasing switch, No. 4	For deflecting polar field from centre to 7.1/2°	
z4/zd 03350	Measuring, resistance mat	either side alternately Metal box having accommodation for a spool of resistance fabric and a device for measuring calibrated lengths on an external ohmmeter	
	KIT Accessory Earth resistance		
z 4/zd 00205	Measurement, No. 1	Canvas carrying case, 3 ft. long x 9 in. dia. containing 4 steel spikes, 3 ft. long x 1/2 in. dia., spike extractors, one 4 lb. masons hammer, two 75 ft. and two 150 ft. leads	
	Adaptor Termination		
24/ZD 00670	No. 1	Consists of Adaptors, termination, No. 4, No. 7, No. 8, No. 9, No. 16, No. 17, No. 18, and No. 21	
z4/zd 00671	No. 2	Consisting of kits, conversion, adaptor, termination. No. 1 to 2, Cat. Nos. Z4/ZD 00670 and ZD 02370	
z4/zd 04259	Cage, screening, test, transportable No. 1		
Z4/ZD 04260	No. 2 Testing Simulator		
z4/zd 04887	Transmitter/Receiver, radio		re vener state (
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SECTION Z4

Cat. No.	Item, name or designation	Item description or detail	I.S. Code
	KIT Testing - continued S.S.B.		
7∡/₩∩ 4300	No. 1	Comprises adaptors, attenuators, connectors, potentiometers, resistors etc., used in conjunction with Signal, generator No. 1 for testing S.S.B. transmitters	
z4/WD 4300/2	No. 2	Similar to No. 1 kit except quantity of items is different	
24/20/FV 363141	Surpression, No. 1 Mr. 1 Mk. 2	The transit case (ZD/FV 351079) is fitted with separate compartments to carry items As for No. 1 Mk. 1 except:	
Z4/ZD/FV 449774	PRA 4	 Box junction AM/FM: Z4/ZD/FV 31356 replaces box junction AM/FM:Z4/ZD/FV 351079 Test set, suppression No. 3, Mk. 2 Z4/ZD/FV 449758 replaces Test set, suppression No. 3, Mk. 1 Z4/ZD/FV 347021 Case, transit, kit testing, suppression, Z4/ZD/FV 449731 replaces Case, transit, kit testing, suppression 	
		Z4/ZD/FV 351079 and contains in addition, Cable, assembly, special purpose, electrical 74/ZD/FV 449773	
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4/WD 3594	Wireless sender, No. 53	Comprises a set of connectors, a socket and three condensers for testing sub-assemblies of Wireless sender, No. 53 in workshops	
4/6625-99-200-2271	LEAK LOCATOR	Seal testing, pressure O-10 lb., vacuum O-20 in., comprising outfits A and B	
4/ZD 03972	LIGHTMETER, Photo-electric O-30 lumens/sq. ft., equipment	Indicating instrument in leather carrying case	
4/6625-99-949-4639	LIGHT, Test 100/500V., A.C./D.C.	Consisting of two probes with fixed prods connected by 4 ft. flexible cable; incandescant type indicator lamp in series with 4,500 ohms resistance and 2 H.R.C. fuses	
	LOCATOR Interference, portable		
VZD 00615	No. 2, Mk. 1, equipment	For tracing and locating the source of radio interference	10399
4/ZD 03689 4/WY 0738	No. 2, Mk. 2, equipment Lins and cable fault, No. 1	A self-contained instrument for estimating the distance of break in a line or cable from the test point. Housed in a wooden case and suitable for tropical use	10399 <i>2098</i>
4/wy 0740	MARKER, Bearing, radar, No. 1	A cylinder formed from 1/2 in. (or less) mesh netting with two reflectors mounted at right angles inside	
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		SECTION Z4	
Cat. No.	Item name or designation	Item description or detail	I.S.P.L. Code No.
	MEASURING SET		
24/WY 0619	Crosstalk No. 1, equipment	Providing a simple method of measuring crosstalk between pairs of individual quads of a cable length, and of determining the best method of	2094
		joining quads of two adjacent cable lengths. Supplied with ancillaries in a wooden case; w/o batteries	
Z4/WD 3465	No. 2 E.H.T.	Used for measuring crosstalk at carrier frequencies	
Z4/ZD 02336	O-50kV., D.C., equipment	Consists of instruments, indicating, D.C., 3.1/2 in., rectangular flange, 50VA., F.S.D., sealed O-50kV., desk type. Resistance elements, calibrated, 50 kV., oil filled; with carrying case	
	Field strength, R.F.	For measuring radiated filled strength of certain	
Z4/ZD 05583	No. 3, Mr. 2, equipment	radar transmitters; issued in case, test equipment, No. 39	
Z4/ZD 04526	Frequency, digital, type SA28B	For measuring frequency with great accuracy	3699
z4/6625-99-911-001	-	1 megohm to one thousand million megohms; 110-120V., 200-250V., A.C.; 50c/s.; c/w case	1259 3
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	Insertion loss Frequency selective		1001 (
z 4/zd 03625	No. 1	For measuring gains or losses, on balanced or unbalanced four terminal active or inert communication networks. A high stability oscillator covering the frequency range is required as	12914
Z4/WD 3508	Equipment	a signal source	10010
Z4/ZD 02782	No. 2	For measuring gains or losses, on balanced or unbalanced four terminal active or inert communication networks	12913
Z4/WD 3507	Equipment		
Z4/6625-99-953-191 8	MEASURING SET, AUDIO POWER LEVEL, RADIO	1,000 c/s oscillator for 600, 300 and 8 ohms impedence - 60d Bm to + 33d Bm, input 100-120V, 190-250V, 50/60 c/s. single phase: o/a dim. 19 in. long x 8.3/4 in. wide x 5.1/16 in. high, rack mounting	
24/6625-99-949-1269	MEGOHMMETER 0-100 megohms, 0-100 ohms	500V., Evershed and Vignoles, type 54234; for continuity and high resistance measurements	
Z4/ 6625-99-949-38 20	Hand generator 0-100 ohms, .02-20 megohms	100V. Consists of a hand driven generator and direct reading ohmmeter. Used for insulation	
24/6625-99-949-4333	0-200 megohms	low and high resistance measurements Evershed and Vignoles Type 54029; three voltages,	
Z4/6625-99-949-2062	Mains, 0.05 to 200,000 megohms	250V, 500V, 1,000V. 100 and 500V., model 35A (Myria)	13884
Z4/6625 -99-9 49 -3 687	0-100 megohma	Evershed and Vignoles Type 54038; three voltages, 100V, 250V, 500V.	
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Cat. No.	Item name or designation	Item description or detail	I.S.P.L. Code No.
Z4/66 25-99-949-3686 Z4/ 6625-99-949-4330	MEGOHMETER SET 0-100 msgohms 0-200 msgohms	Evershed and Vignoles Type 54038; three voltages, 100V, 250V, 500V.; with case and test leads Evershed and Vignoles; three voltages, 250V, 500V, 1,000V.; for insulation testing and high resistance measurement; supplied with Test leads complete in Case, carrying, leather	13673 13681
Z4/ 6625-99-949-3962	Evershed and Vignoles, Type 70061	Consisting of a hand driven generator and a direct reading ohmmeter; used for insulation, low and high resistance measurements, c/w carrying case and	
Z4/ 6625-99-104-5284	Evershed and Vignoles, Type	two connectors 5-150V.; 0-300 megohms; hand operated; c/w	
Z4/6 625-99-102-5387	70129/70305 Evershed and Vignoles, Type 70154	carrying case 100V, 250V, 500V, 1,000V.; hand operated; c/w carrying case and test leads	
Z4/ZD 04102	METER Arbitrary scale Moving coil 3.1/2 in. dia. sq. flange 3A. F.S.D.	Scaled "Milliwatt-seconds"; c/w calibrating resistor; calibrated for N/Fe. panel	
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Z4/6625-99-110-2940 Z4/6625-99-900-5656 Z4/6625-99-932-0997 Z4/WD 4024	3.1/2 in., flush 1.5mA. F.S.D. Bushing mounted 1.5 in. dia. barrel Flush 1mA., F.S.D. Circuit magnification, No. 1 Mk. 3, equipment	Scaled 0-150 Luminised centre zero, 250-0-250µA., F.S.D. Scaled 0-50; 3.9/16 in. dia. meter body For measuring magnification of tuned circuits, losses and absolute values of small inductances	6541
Z4/ZD 02959	Mk. 3/1, equipment Electrical frequency	and capacitors; fitted with preferred valve components and a safety cut-out; c/w ancillaries and spares in case, No. 32 Aş for Mk. 3 but power transformer tapped for 100V. mains	
Z4/ZD 04312	3.1/4 in. flush dial Output power	240V.; 46-54 c/s.	
Z4/WY 0278	No. 1 <i>M</i> #. 3	For measuring A.F. output power; has an ON/OFF switch and OFF position on multiplier; input impedance 150 ohms in multiplier OFF switch	
24/WY 0058	No. 2 Mk. 2	For measuring A.F. output power; input impedance 150 ohms; ranges J-1mW., 0-10mW., 0-100mW.	2060
Z4/W¥ 0059	No. 3 Mt. 1	For measuring A.F. output power; variable impedance 2.5-20,000 ohms. Reference level 1mW., at 1 Ko/s	2054
Z4/ZD 0066 3	Mr. 2, equipment	Similar to No. 3 Mk. 1 but different manufacture; in Case, Test equipment, No. 88	
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Cat. No.	Item name or designation	Item description or detail	I.S.P. Code N
Z4/WY 30 02 Z4/ZD 00667	METER Output power - continued No. 5 Equipment	As for No. 1, Mk. 3 except OFF position on multiplier switch and to tropical specification;	
Z4/XD 00205	Power factor 6 in. dial, projecting 415V., 60kW., tropical Portable, 6M, 3 phase, 3 wire	supplied in case, No. 18	
Z4/XQ 1004	400V., 50c/s 50,100,150/5A., equipment Surface mounted 6 in. dia. dial	Consisting of meter, transformers; complete in leather carrying case	
z4/2D 03014 z4/6625-99 -945- 4292 z4/6625-99- 947-0 570 z4/2D 03794	· · · · · · · · · · · · · · · · · · ·	Radiation hazard 3 in. dia., flush, N/Fe. mounting, 37.8V. F.S.D., scaled O-F. and 1.8-2.1	
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Z 4/Z D 04141	Test, No. 13A	3.1/2 in. dia. body, flush mounting, F.S.D., 25mA., resistance of coil 4.5 ohms + 5%; c/w two 25mA. thermocouples	
2 4/6645- 99 -100-7164	Test, No. 13A Time totalizing METER, NOISE LEVEL-CT454	25mA., resistance of coil 4.5 ohms + 5%;	
24/6645-99-100-7164 4/6625-99-972-7965	Time totalizing	<pre>25mA., resistance of coil 4.5 ohms ± 5%; c/w two 25mA. thermocouples Electrically operated; 200-250V., 50 c/s.; 9,999.9 hours max. reading; flush mounting Cossor Model 1453 19 in. wide x 10.1/2 in. high x 15 in. deep; with</pre>	
Z4/6645-99-100-7164 4/6625-99-972-7965 Z4/6625-99-105-7106 Z4/6625-99-900-1691 Z4/6625-99-901-7113	Time totalizing METER, NOISE LEVEL-CT454 METER SET, MODULATION Airmec type 394 MICROAMMETER Moving coil 0-50µA. D.C. 60-0-60µA.	<pre>25mA., resistance of coil 4.5 ohms ± 5%; c/w two 25mA. thermocouples Electrically operated; 200-250V., 50 c/s.; 9,999.9 hours max. reading; flush mounting Cossor Model 1453 19 in. wide x 10.1/2 in. high x 15 in. deep; with mains lead in 1id Round flange; 2.1/2 in. barrel dia.</pre>	
24/6645-99-100-7164 4/6625-99-972-7965 24/6625-99-105-7106 24/6625-99-900-1691 24/6625-99-901-7113	Time totalizing METER, NOISE LEVEL-CT454 METER SET, MODULATION Airmec type 394 MICROAMMETER Moving coil 0-50µA. D.C. 60-0-60µA. 200-0-200µA. D.C. MICROAMMETER SET	<pre>25mA., resistance of coil 4.5 ohms ± 5%; c/w two 25mA. thermocouples Electrically operated; 200-250V., 50 c/s.; 9,999.9 hours max. reading; flush mounting Cossor Model 1453 19 in. wide x 10.1/2 in. high x 15 in. deep; with mains lead in 1id</pre>	
24/6645-99-100-7164 4/6625-99-972-7965 24/6625-99-105-7106 24/6625-99-900-1691 24/6625-99-901-7113 4/6625-99-953-4778	Time totalizing METER, NOISE LEVEL-CT454 METER SET, MODULATION Airmec type 394 MICROAMMETER Moving coil 0-50µA. D.C. 60-0-60µA. 200-0-200µA. D.C. MICROAMMETER SET Moving coil 50-0-50µA. D.C.	<pre>25mA., resistance of coil 4.5 ohms ± 5%; c/w two 25mA. thermocouples Electrically operated; 200-250V., 50 c/s.; 9,999.9 hours max. reading; flush mounting Cossor Model 1453 19 in. wide x 10.1/2 in. high x 15 in. deep; with mains lead in 1id Round flange; 2.1/2 in. barrel dia.</pre>	
24/6645-99-100-7164 4/6625-99-972-7965 24/6625-99-105-7106 24/6625-99-900-1691 24/6625-99-901-7113 24/6625-99-953-4778	Time totalizing METER, NOISE LEVEL-CT454 METER SET, MODULATION Airmec type 394 MICROAMMETER Moving coil 0-50µA. D.C. 60-0-60µA. 200-0-200µA. D.C. MICROAMMETER SET Moving coil 50-0-50µA. D.C. MILLIAMMETER 2.1/2 in. dia. flush, imA. Moving coil	<pre>25mA., resistance of coil 4.5 ohms ± 5%; c/w two 25mA. thermocouples Electrically operated; 200-250V., 50 c/s.; 9,999.9 hours max. reading; flush mounting Cossor Model 1453 19 in. wide x 10.1/2 in. high x 15 in. deep; with mains lead in 11d Round flange; 2.1/2 in. barrel dia. Panel mounted; 2.5/8 in. dia. of meter body</pre>	
Z4/ZD 04141 Z4/6645-99-100-7164 4/6625-99-972-7965 Z4/6625-99-105-7106 Z4/6625-99-900-1691 Z4/6625-99-901-7113 Z4/6625-99-903-4778 Z4/6625-99-102-6234 4/6625-99-943-7767	Time totalizing METER, NOISE LEVEL-CT454 METER SET, MODULATION Airmec type 394 MICROAMMETER Moving coil 0-50µA. D.C. 60-0-60µA. 200-0-200µA. D.C. MICROAMMETER SET Moving coil 50-0-50µA. D.C. MILLIAMMETER 2.1/2 in. dia. flush, imA. Moving coil Flange mounted 2 in. dia., 0-5mA., D.C. 2.1/2 in. dia., 0-1mA.,	<pre>25mA., resistance of coil 4.5 ohms ± 5%; c/w two 25mA. thermocouples Electrically operated; 200-250V., 50 c/s.; 9,999.9 hours max. reading; flush mounting Cossor Model 1453 19 in. wide x 10.1/2 in. high x 15 in. deep; with mains lead in 11d Round flange; 2.1/2 in. barrel dia. Panel mounted; 2.5/8 in. dia. of meter body</pre>	
Z4/6645-99-100-7164 4/6625-99-972-7965 Z4/6625-99-105-7106 Z4/6625-99-900-1691 Z4/6625-99-901-7113 Z4/6625-99-953-4778 Z4/6625-99-102-6234 4/6625-99-903-7767	Time totalizing METER, NOISE LEVEL-CT454 METER SET, MODULATION Airmec type 394 MICROAMMETER Moving coil 0-50µA. D.C. 60-0-60µA. 200-0-200µA. D.C. MICROAMMETER SET Moving coil 50-0-50µA. D.C. MILLIAMMETER 2.1/2 in. dia. flush, imA. Moving coil Flange mounted 2 in. dia., 0-5mA., D.C. 2.1/2 in. dia., 1-0-1mA., D.C.	<pre>25mA., resistance of coil 4.5 ohms ± 5%; c/w two 25mA. thermocouples Electrically operated; 200-250V., 50 c/s.; 9,999.9 hours max. reading; flush mounting Cossor Model 1453 19 in. wide x 10.1/2 in. high x 15 in. deep; with mains lead in 11d Round flange; 2.1/2 in. barrel dia. Panel mounted; 2.5/8 in. dia. of meter body</pre>	
24/6645-99-100-7164 4/6625-99-972-7965 24/6625-99-105-7106 24/6625-99-900-1691 24/6625-99-901-7113 24/6625-99-903-4778 24/6625-99-102-6234 4/ <i>6625-99-943-7767</i> 34/6625-99-900-1724 4/6625-99-900-1724	Time totalizing METER, NOISE LEVEL-CT454 METER SET, MODULATION Airmec type 394 MICROAMMETER Moving coil 0-50µA. D.C. 60-0-60µA. 200-0-200µA. D.C. MICROAMMETER SET Moving coil 50-0-50µA. D.C. MILLIAMMETER 2.1/2 in. dia. flush, imA. Moving coil Flange mounted 2 in. dia., 0-5mA., D.C. 2.1/2 in. dia 0-1mA., p.C. 2.1/2 in. dia 1-0-1mA.,	<pre>25mA., resistance of coil 4.5 ohms ± 5%; c/w two 25mA. thermocouples Electrically operated; 200-250V., 50 c/s.; 9,999.9 hours max. reading; flush mounting Cossor Model 1453 19 in. wide x 10.1/2 in. high x 15 in. deep; with mains lead in 11d Round flange; 2.1/2 in. barrel dia. Panel mounted; 2.5/8 in. dia. of meter body</pre>	

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Cat. No.	Item name or designation	Item description or detail	I.S.P.L Code No
4/6625-99-100-3184	MILLIAMMETER Moving coil - continued Square flango 2.1/2 in. barrel dia., 0-10mA., D.C. Moving coil or moving magnet	Less shunt	
24/6625-99-0 12 - 0298	Panel type 2.5/8 in. barrel dia., 0-200 C.W. range	2 in. scale	
24/6625-99-949-20 3 7	MODULATOR, AMPLITUDE Type I.F. 1102	Provides sine wave modulation 20c/s to 30 Mc/s.; depth 0-80%, also sq. wave, pulse or picture modulation	13628
24/6625-99-100-1639 24/6625-99-580-0533	MONITOR A.F. Keying, frequency shift	Designed to monitor guided missile crystal currents and servo stiffness. One channel at 1,500 cps. and two channels at 2 cps; power input 240V., 50 c/s	
z4/zd 00105	Telegraph distortion 10 circuit, No. 1	Input P.R.F. range, 2-7kc/s. Includes circuit selector providing monitoring over a group of 10 circuits operating at 50 bands with 5 unit code without interfering with their operation	13038 12592

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Z4/ZD 00641 Z4/WY 0042	Equipment Testing, radar, No. 3	Comprising C.R.T. panel, associated time-base and 3 valve pulse amplifier	2081
Z4/6105-99-932- 0680	MOTOR, CONTROL Main field 115V. 400c/s.	Control field, series 115V., 400c/s., parallel 57.5V.400c/s.; 2.35 sq. in. stalled torque;	
	1	size 18	
	MOUNTING AND TELESCOPE Checking, bearing and elevation		
Z4/WY 2628	Checking, bearing and elevation Equipment		
Z4/WY 2628 Z4/ZD 04555	Checking, bearing and elevation	size 18 Supplied in Case, Test Equipment No. 68 For measuring current resistance and voltage employing one pair of common input terminals and a rotary selector switch; fitted with an automatic	
_	Checking, bearing and elevation Equipment MULTIMETER Avo Heavy duty Model 7, panclimatio Equipment Multiminor, model 2	<pre>size 18 Supplied in Case, Test Equipment No. 68 For measuring current resistance and voltage employing one pair of common input terminals and a rotary selector switch; fitted with an automatic over load cut-out Comprises:</pre>	12498
Z4/ZD 04555 Z4/6625-99-943-1531 Z4/6625-99-943-1523 Z4/6625-99-943-1523	Checking, bearing and elevation Equipment MULTIMETER Avo Heavy duty Model 7, panclimatio Equipment Multiminor, model 2	<pre>size 18 Supplied in Case, Test Equipment No. 68 For measuring current resistance and voltage employing one pair of common input terminals and a rotary selector switch; fitted with an automatic over load cut-out Comprises: Z4/6625-99-943-3053 Carrying case, electrical meter Z4/6625-99-949-0521 Multimeter, Avo, multiminor, model 2 Connector, test, plug, 1/8 in. dia. clip, crocodile, 2 ft. 6 in., black, Z4/6625-99-949-0519,</pre>	12498
Z4/ZD 04555 Z4/6625-99-943-1531 Z4/6625-99-943-1523 Z4/6625-99-943-1523	Checking, bearing and elevation Equipment MULTIMETER Avo Heavy duty Model 7, panclimatio Equipment Multiminor, model 2 Equipment	<pre>size 18 Supplied in Case, Test Equipment No. 68 For measuring current resistance and voltage employing one pair of common input terminals and a rotary selector switch; fitted with an automatic over load cut-out Comprises: Z4/6625-99-943-3053 Carrying case, electrical meter Z4/6625-99-943-3053 Multimeter, Avo, multiminor, model 2 Connector, test, plug, 1/8 in. dia. clip,</pre>	12498
Z4/ZD 04555 Z4/6625-99-943-1531 Z4/6625-99-943-1523 Z4/6625-99-949-0521 Z4/6625-99-943-2134	Checking, bearing and elevation Equipment MULTIMETER Avo Heavy duty Model 7, panclimatio Equipment Multiminor, model 2 Equipment	<pre>size 18 Supplied in Case, Test Equipment No. 68 For measuring current resistance and voltage employing one pair of common input terminals and a rotary selector switch; fitted with an automatic over load cut-out Comprises: Z4/6625-99-943-3053 Carrying case, electrical meter Z4/6625-99-949-0521 Multimeter, Avo, multiminor, model 2 Connector, test, plug, 1/8 in. dia. clip, crocodile, 2 ft. 6 in., black, Z4/6625-99-949-0519, and red, Z4/6625-99-949-0520</pre>	12498

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Cat. No.	Item name or designation	Item description or detail	I.S.P.L. Code No.
Z4/6625-99-105-7050 Z4/6625-99-943-8384 Z4/6625-99-970-1194		Less accessories and carrying case Portable type for precision measurements of A.C. and D.C. voltages and resistance A.C. and D.C. volts and 8 resistance ranges; 10.3/4 in. \times 7.3/4 in. \times 7.1/2 in.	
Z4/6625-99-105-3046 Z4/6625-99 - 943-1524 34/6625-99-102-0121	Model 85, panelimatic Multiminor, Mk. 4 (CT 512)	Complete with accessories With accessories	12 49 9
24/6625 -99-104-5674 24/6625 - 99-949-1999	With Maxweb carrying case Type 9 SX, panclimatic	Comprises:- 1 24/6625-99-949-1853 multimeter, 9SX 1 24/6625-99-949-1971 carrying case, electrical meter 1 24/6625-99-949-1995 lead, test 1 24/6625-99-949-1996 lead, test 1 24/6625-99-949-1982 prod, test	13870
		1 24/6625-99-949-1638 prod, test 2 24/5940-99-940-0861 clip, electrical - w/o batteries	
Ċ			
Z4/6625-99-104-5392 Z4/6625-99-105-7049 Z4/6625-99-103-6332	Cambridge type 47746 CT498A Type M.7.N.	C/w accessories and carrying case Automatic Telephone and Electric Co. Ltd.; portable instrument for routine testing and alignment of radio telephone equipments of A.T.E. series 800 and 900	
24/6625-99-108-9657	MULTIMETER SET, ELECTRONIC	Airmec type 314A	
Z4/6625-99-972-0247	MULTIMETER SET, ELECTRONIC (CT471)	G.E. Bradley, type 113/S A fully transistorized multi-range instrument for the measurement of voltage at frequencies up to 1,000 Mc/s (1,500 Mc/s with reduced accuracy) current at frequencies up to 2 Kc/s and DC resistance	
Z4/6625-99-943-1532	MULTIMETER UNIT Avo Model 85, panclimatic MULTIPLIER		
Z4/WY 0708 Z4/WY 0707	Current/voltage 9/7 range, A.C. No. 1 10/9 range, D.C., No. 1	Used to extend the ranges of galvanometer unipivot, 240µA., No. 1	
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SECTION Z4

Cat. No.	Item name or designation	Item description or detail	I.S.P.I Code No
	MULTIPLIER - continued		
7.4/WY 2524	Voltage 1,500V., No. 1	Used to extend range of voltmeters, value, No. 2,	
Z4/WY 0027	4,000V., No. 1	Mks. 1 and 1/1 Used to extend the range of Instruments, testing,	
24/11/ 0027		Avometer, universal, 46 range, Mk. 1 and	
Z4/WY 0028	4,800V., No. 1	50 range, Mk. 1 Used to extend the range of Instruments, testing,	
		Avometer, universal, 40 range, Mk. 1,	
24/ZD 03769	25,000V., D.C., Avo., type 8	Mk. 1/1 and Mk. 2 Used to extend the range of Instrument, testing, Avometer, model 8	
	OHMMETER		
24/6625-99-100-6388	Safety, ARS 3005, Mr. 5	Fairy Aviation. Not to be used on high power H.T. circuits	13801
z4/6625-99-102-0350	Type 63031	Evershed and Vignoles	
-	OSCILLATOR		
	Beat frequency	Generatcs audio frequency signals of known frequency and amplitude	
24/WY 2562	No. 5, equipment	Range, 50 c/s 10 kc/s., c/w spares in Case,	
		test equipment, No. 15	
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1		1	
ALUD 2005	No. 7 and ment	A there is a handle of the financial sector of the	
	No. 7, equipment	A tropical version of No. 5, equipment, in Case, test equipment, No. 84	
	No. 7, equipment No. 8, equipment	test equipment, No. 84 Range, 50 c/s 20 kc/s., in Case, test equipment,	10140
4/ZD 00198	No. 8, equipment C.F., No. 1	test equipment, No. 84	10140
4/ZD 00198 4/WD 3469	No. 8, equipment C.F., No. 1 Delayed pulse	test equipment, No. 84 Range, 50 c/s 20 kc/s., in Case, test equipment, No. 91 Portable, battery operated, covering the voice and carrier frequency range; range 300 c/s - 150 Kc/s	10140
34/ZD 00198 34/WD 3469	No. 8, equipment C.F., No. 1 Delayed pulse No. 1	<pre>test equipment, No. 84 Range, 50 c/s 20 kc/s., in Case, test equipment, No. 91 Portable, battery operated, covering the voice and carrier frequency range; range 300 c/s - 150 Kc/s For aligning axis on radar equipments; range 201-205 Mc/s.</pre>	10140
4/ZD 00198 4/WD 3469	No. 8, equipment C.F., No. 1 Delayed pulse	<pre>test equipment, No. 84 Range, 50 c/s 20 kc/s., in Case, test equipment, No. 91 Portable, battery operated, covering the voice and carrier frequency range; range 300 c/s - 150 Kc/s For aligning axis on radar equipments; range 201-205 Mc/s. Amplitude or frequency modulated for the alignment of wireless receivers; used in conjunction with</pre>	10140
4/ZD 00198 4/WD 3469 4/WY 0049	No. 8, equipment C.F., No. 1 Delayed pulse No. 1 Ganging	<pre>test equipment, No. 84 Range, 50 c/s 20 kc/s., in Case, test equipment, No. 91 Portable, battery operated, covering the voice and carrier frequency range; range 300 c/s - 150 Kc/s For aligning axis on radar equipments; range 201-205 Mc/s. Amplitude or frequency modulated for the alignment of wireless receivers; used in conjunction with Oscillagraph, C.R., No. 1</pre>	
34/2D 00198 34/WD 3469 34/WY 0049 34/WY 0052	No. 8, equipment C.F., No. 1 Delayed pulse No. 1 Ganging No. 1 No. 2	<pre>test equipment, No. 84 Range, 50 c/s 20 kc/s., in Case, test equipment, No. 91 Portable, battery operated, covering the voice and carrier frequency range; range 300 c/s - 150 Kc/s For aligning axis on radar equipments; range 201-205 Mc/s. Amplitude or frequency modulated for the alignment of wireless receivers; used in conjunction with Oscillagraph, C.R., No. 1 Range, 80 kc/s 20 Mc/s</pre>	2037
4/2D 00198 4/WD 3469 4/WY 0049 4/WY 0052	No. 8, equipment C.F., No. 1 Delayed pulse No. 1 Ganging No. 1	<pre>test equipment, No. 84 Range, 50 c/s 20 kc/s., in Case, test equipment, No. 91 Portable, battery operated, covering the voice and carrier frequency range; range 300 c/s - 150 Kc/s For aligning axis on radar equipments; range 201-205 Mc/s. Amplitude or frequency modulated for the alignment of wireless receivers; used in conjunction with Oscillagraph, C.R., No. 1 Range, 80 kc/s 20 Mc/s., c/w ancillaries in</pre>	
34/2D 00198 34/WD 3469 34/WY 0049 34/WY 0052 34/WY 2434	No. 8, equipment C.F., No. 1 Delayed pulse No. 1 Ganging No. 1 No. 2	 test equipment, No. 84 Range, 50 c/s 20 kc/s., in Case, test equipment, No. 91 Portable, battery operated, covering the voice and carrier frequency range; range 300 c/s - 150 Kc/s For aligning axis on radar equipments; range 201-205 Mc/s. Amplitude or frequency modulated for the alignment of wireless receivers; used in conjunction with Oscillagraph, C.R., No. 1 Range, 80 kc/s 20 Mc/s. Range, 98 kc/s 20 Mc/s., c/w ancillaries in case, test equipment, No. 1 As for Mk. 1, except that preferred value components 	2037
74/2D 00198 74/WD 3469 74/WY 0049 74/WY 0052 74/WY 2434 74/WY 2561	No. 8, equipment C.F., No. 1 Delayed pulse No. 1 Ganging No. 1 No. 2 Mk. 1, equipment Mk. 2, equipment	 test equipment, No. 84 Range, 50 c/s 20 kc/s., in Case, test equipment, No. 91 Portable, battery operated, covering the voice and carrier frequency range; range 300 c/s - 150 Kc/s For aligning axis on radar equipments; range 201-205 Mc/s. Amplitude or frequency modulated for the alignment of wireless receivers; used in conjunction with Oscillagraph, C.R., No. 1 Range, 80 kc/s 20 Mc/s Range, 98 kc/s 20 Mc/s., c/w ancillaries in case, test equipment, No. 1 As for Mk. 1, except that preferred value components are used 	2037 2066
34/2D 00198 34/WD 3469 34/WY 0049 34/WY 0052 34/WY 2434 34/WY 2561	No. 8, equipment C.F., No. 1 Delayed pulse No. 1 Ganging No. 1 No. 2 Mk. 1, equipment	 test equipment, No. 84 Range, 50 c/s 20 kc/s., in Case, test equipment, No. 91 Portable, battery operated, covering the voice and carrier frequency range; range 300 c/s - 150 Kc/s For aligning axis on radar equipments; range 201-205 Mc/s. Amplitude or frequency modulated for the alignment of wireless receivers; used in conjunction with Oscillagraph, C.R., No. 1 Range, 80 kc/s 20 Mc/s. Range, 98 kc/s 20 Mc/s., c/w ancillaries in case, test equipment, No. 1 As for Mk. 1, except that preferred value components 	2037 2066
24/ZD 00198 24/WD 3469 24/WY 0049 24/WY 0052 24/WY 2434 24/WY 2561 24/ZD 00784	No. 8, equipment C.F., No. 1 Delayed pulse No. 1 Ganging No. 1 No. 2 Mk. 1, equipment Mk. 2, equipment Test, C.T.212 Video	 test equipment, No. 84 Range, 50 c/s 20 kc/s., in Case, test equipment, No. 91 Portable, battery operated, covering the voice and carrier frequency range; range 300 c/s - 150 Kc/s For aligning axis on radar equipments; range 201-205 Mc/s. Amplitude or frequency modulated for the alignment of wireless receivers; used in conjunction with Oscillagraph, C.R., No. 1 Range, 80 kc/s 20 Mc/s Range, 98 kc/s 20 Mc/s., c/w ancillaries in case, test equipment, No. 1 As for Mk. 1, except that preferred value components are used A R.F. signal source which may be amplitude modulated on all ranges, with variable deviation. Supplied in instrument case. Range 85 kc/s 32 Mc/s 	2037 2066
4/ZD 00198 4/WD 3469 4/WY 0049 4/WY 0052 4/WY 2434 4/WY 2561 4/ZD 00784	No. 8, equipment C.F., No. 1 Delayed pulse No. 1 Ganging No. 1 No. 2 Mk. 1, equipment Mk. 2, equipment Test, C.T.212	 test equipment, No. 84 Range, 50 c/s 20 kc/s., in Case, test equipment, No. 91 Portable, battery operated, covering the voice and carrier frequency range; range 300 c/s - 150 Kc/s For aligning axis on radar equipments; range 201-205 Mc/s. Amplitude or frequency modulated for the alignment of wireless receivers; used in conjunction with Oscillagraph, C.R., No. 1 Range, 80 kc/s 20 Mc/s. Range, 98 kc/s 20 Mc/s. Range, 98 kc/s 20 Mc/s. As for Mk. 1, except that preferred value components are used A R.F. signal source which may be amplitude modulated on all ranges, with variable deviation. Supplied in instrument case. Range 85 kc/s 	2037 2066
24/2D 00198 24/WD 3469 24/WY 0049 24/WY 0052 24/WY 2434 24/WY 2561 24/ZD 00784	No. 8, equipment C.F., No. 1 Delayed pulse No. 1 Ganging No. 1 No. 2 Mk. 1, equipment Mk. 2, equipment Test, C.T.212 Video	 test equipment, No. 84 Range, 50 c/s 20 kc/s., in Case, test equipment, No. 91 Portable, battery operated, covering the voice and carrier frequency range; range 300 c/s - 150 Kc/s For aligning axis on radar equipments; range 201-205 Mc/s. Amplitude or frequency modulated for the alignment of wireless receivers; used in conjunction with Oscillagraph, C.R., No. 1 Range, 98 kc/s 20 Mc/s Range, 98 kc/s 20 Mc/s. Range, 98 kc/s 20 Mc/s. A F.F. signal source which may be amplitude modulated on all ranges, with variable deviation. Supplied in instrument case. Range 85 kc/s 32 Mc/s For testing video frequency circuits; range, 20 c/s 5 Mc/s; a value voltmeter is 	2037 2066
Z4/WD 3895 Z4/ZD 00198 Z4/WD 3469 Z4/WY 0049 Z4/WY 0052 Z4/WY 2434 Z4/WY 2561 Z4/ZD 00784	No. 8, equipment C.F., No. 1 Delayed pulse No. 1 Ganging No. 1 No. 2 Mk. 1, equipment Mk. 2, equipment Test, C.T.212 Video	 test equipment, No. 84 Range, 50 c/s 20 kc/s., in Case, test equipment, No. 91 Portable, battery operated, covering the voice and carrier frequency range; range 300 c/s - 150 Kc/s For aligning axis on radar equipments; range 201-205 Mc/s. Amplitude or frequency modulated for the alignment of wireless receivers; used in conjunction with Oscillagraph, C.R., No. 1 Range, 98 kc/s 20 Mc/s Range, 98 kc/s 20 Mc/s. Range, 98 kc/s 20 Mc/s. A F.F. signal source which may be amplitude modulated on all ranges, with variable deviation. Supplied in instrument case. Range 85 kc/s 32 Mc/s For testing video frequency circuits; range, 20 c/s 5 Mc/s; a value voltmeter is 	2037 2066
4/ZD 00198 4/WD 3469 4/WY 0049 4/WY 0052 4/WY 2434 4/WY 2561 4/ZD 00784	No. 8, equipment C.F., No. 1 Delayed pulse No. 1 Ganging No. 1 No. 2 Mk. 1, equipment Mk. 2, equipment Test, C.T.212 Video	 test equipment, No. 84 Range, 50 c/s 20 kc/s., in Case, test equipment, No. 91 Portable, battery operated, covering the voice and carrier frequency range; range 300 c/s - 150 Kc/s For aligning axis on radar equipments; range 201-205 Mc/s. Amplitude or frequency modulated for the alignment of wireless receivers; used in conjunction with Oscillagraph, C.R., No. 1 Range, 98 kc/s 20 Mc/s Range, 98 kc/s 20 Mc/s. Range, 98 kc/s 20 Mc/s. A F.F. signal source which may be amplitude modulated on all ranges, with variable deviation. Supplied in instrument case. Range 85 kc/s 32 Mc/s For testing video frequency circuits; range, 20 c/s 5 Mc/s; a value voltmeter is 	2037 2066

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SECTION Z4

		SECTION Z4	
Cat. No.	ہ Item name or designation	Item description or detail	I.S.P.I Code No
Z4/ZD 00762	OSCILLATOR Video - continued No. 2 Mk. 1, equipment	For generating sine and square wave-forms Ranges: Sinewave, 25 c/s 5 Mc/s. Squarewave, 50 c/s 150 kc/s. A valve voltmeter is incorporated with a range of 0-35V. and 0 to -20 db.; supplied in Case,	10856
Z4/ZD 02066	Mk. 2, equipment	As for Mk. 1, except preferred valve components	10936
Z4/ZD 02761	Mk. 3, equipment	are used As for Mk. 1 except frequency range is 25 c/s	12893
Z4/WY 0054	OSCILLOGRAPH, C.R. No. 1, Mk. 1/1	12 Mc/s. Double beamed having a screen of 144 mm. dia. for visual observation of wave forms; incorporates a two-stage amplifier	2038
Z4/6625-99-960-8475	OSCILLOGRAPH SET	6 channel; complete with console unit and recorder unit with Camera, type M731	
Z4/6625-99-102-0717	OSCILLOSCOPE Airmec type 279	The primary function is to display low frequency waveforms on a 17 in. rectangular C.R.T. giving a usable screen area of 9 in. by 13 in.; c/w type 317 time base; when removed from its case, the instrument is suitable for mounting on a standard 19 in. rack	
Z4/6625-99-949-1613	Alignment, V.H.F. Marconi, TF 1104	Frequency ranges: R.F. 41 to 68 Mc/s.; 80 to 110 Mc/s.; 150 to to 216 Mc/s.; i.e. covering British bands 1, 2, 3 I.F. 10 to 40 Mc/s. V.F. 5 kc/s. to 10 Mc/s. Application: For television response measurements and adjustment of discriminators in F.M. receivers and	
Z4/ZD 00977	C.R.T., double beam, model 1049	matching of aerials to transmission lines 16.1/2 in. x $11.1/2$ in. x $21.3/4$ in.; nine ranges 150 usec to 1.5 secs	а. С
Z4/6625-99-943-7177	C.T. 386A	A general purpose oscilloscope Additional facilities Illuminated graticule Variable intensity	12897
• · · · · · · · · · · · · · · · · · · ·		i Fitting for company attack	
4/6625-99-943-1632	C.T. 414	Fitting for camera attachment 4 in. screen; free running sweep 0.3 µsec./cm. to 0.3 sec/cm.; calibrated 0.3 µsec./cm. to 3.0 sec./cm.	13211
	High speed, C.T.90,	4 in. screen; free running sweep 0.3 μsec./cm. to 0.3 sec/cm.; calibrated 0.3 μsec./cm. to 3.0 sec./cm. uncalibrated; 110/220V. ± 20%, 50 c/s, single phase For observing and measuring amolitude and duration	_
24/6625-99-104-0721		4 in. screen; free running sweep 0.3 μsec./cm. to 0.3 sec/cm.; calibrated 0.3 μsec./cm. to 3.0 sec./cm. uncalibrated; 110/220V. ± 20%, 50 c/s, single phase For observing and measuring amplitude and duration of waveforms in pulsed systems For monitoring wave-forms in the frequency ranges	12660
24/6625-99-104-0721 24/ZD 02693	High speed, C.T.90, equipment	4 in. screen; free running sweep 0.3 μsec./cm. to 0.3 sec/cm.; calibrated 0.3 μsec./cm. to 3.0 sec./cm. uncalibrated; 110/220V. ± 20%, 50 c/s, single phase For observing and measuring amolitude and duration	
24/6625-99-943-1632 Z4/6625-99-104-0721 Z4/ZD 02693 24/6625-99-943-2417	High speed, C.T.90, equipment Miniature, portable, C.T.52	4 in. screen; free running sweep 0.3 μsec./cm. to 0.3 sec/cm.; calibrated 0.3 μsec./cm. to 3.0 sec./cm. uncalibrated; 110/220V. ± 20%, 50 c/s, single phase For observing and measuring amplitude and duration of waveforms in pulsed systems For monitoring wave-forms in the frequency ranges	12660

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SECTION Z4

Cat. No.	Item name or designation	Item description or detail	I.S.P.L. Code No.
Z4/6625-99 - 945-7242		Cossor	
Z4/6625-99-947-7516	Telequipment Type D.31	Portable, general purpose; double beam, medium persistance, 3.1/2 in. dia. tube face. Edge lit	
Z4/ 6625 - 99 - 105 - 0863	Type S.32A	illuminated graticule A 3 in. tube general purpose oscilloscope with wide range time base with high frequency synchronisation	
		Bandwidth: (1)dc to 1 Mc/s (2)dc to 10 Mc/s Input impedance: 1 megohm Operating voltage: 3.5 kV Input voltage: 90 to 250V; 50 to 100 c/s	
Z4/105/831	Туре 13А	Dimensions: 13.3/4 in. x 8 in. x 6.1/2 in. Weight: 16 lbs. A tropicalized, general purpose, twin beam, portable oscilloscope and monitor 4.1/2 in. dia. screen.	10907
		green trace with short after glow; supplied with cathode follower probe unit; the detachable front cover carries the cathode follower probe together	,
Z4/ZD 04621	Туре 2300В	with connectors and mains lead General purpose, portable, 2.3/4 in. dia. screen	13050
Z4/6625-99-102-6694	OSCILLOSCOPE SET CT. 436	Includes probe	X
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Z4/ 6625-99-952-2040 Z4/6625-99-103- 9839	XT 536, Type 647 T y pe 545A	Tektronix U.K. Ltd. Tektronix U.K. Ltd., w/plug-in preamplifiers types C-A, D, E and L	
Z4/WD 4017	PANEL, Testing Dummy load, 1.2 kVA. + 500W., No. 1	Steel panel 2 ft. 4 in. \times 1 ft. 8 in. mounted on frame 10 in. deep with fine mesh expanded metal top, sides and back. The panel carries a condenser, variable slider rheostats, 6 toggle switches, one voltmeter 0-100 A.C. and one voltmeter 0-40 D.C.	
	PHASEMETER		
24/6625-99-103-5843	Airmec type 206	Low frequency	
Z4/6625-99-104-6150	PLATE GLASS, TOUGHENED	5.7/8 in. x 4.7/8 in. x 0.140 in., c/w zero adjuster	
Z4/ZD 04626	PLUG, Co-axial Free, straight entry	Bayonet connector; B.N.C. type similar to Belling Lee L 1331 FP	
Z4/6625-99-104-7900	POWER SUPPLY (NO. 31A)	Metal rectifiers; full ware; 23-31V., D.C.; 27 in. x 12.1/2 in. x 12.1/2 in. o/a dim.	
Z4/6130-99-911-0564	POWER SUPPLY Rectifier type Salford	Stabilized unit operating from $230-240V. \pm 5\%$, 50 c/s. + 2%; standard 19 in. rack mounting namel	
24/6130-99-911-0563	Westinghouse	Alternative to $24/6130-99-911-0563$ Stabilized unit operating from $230-240V. \pm 5\%$, $50 c/s. \pm 2\%$; standard 19 in. rack mounting panel in metal case	12034
		Alternative to Z4/6130-99-911-0564	
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Ćat. No.	Item name or designation	Item description or detail	I.S.P.L. Code No.
Z4/6625-99-104-2620 Z4/6130-99-106-0519 Z4/6130-99-954-0414 Z4/6625-99-943-3268	POWER SUPPLY Solartron Electronic, full ware A.S. 1412 S.R.S.152 S.R.S. 152A S.R.S. 1535, CT. 397	0-40V. D.C.; 14.1/2 in. \times 8.1/2 in. \times 7 in. o/a dim. 200/250V, 50/60 c/s input; multirange variable output 0-1 Kv D.C.; 6.3V. and 12.6V. A.C.; 22.1/2 in. wide \times 9.1/2 in. high \times 15 in. deep approx. o/a dim. Mains input; 110V or 220V., \pm V., in 5 and 10V. taps, 50-400 c/s., single phase; supplied in metal case for bench use	13263
Z4/6625-99-105-9563	POWER SUPPLY AND CIRCUIT BREAKER, ELECTRONIC	Power unit-rectifier type; circuit breaker transistorised	
Z4/6625-99-103-5842	POWER SUPPLY ASSEMBLY	Two power supply; 0-30V. at 1A., D.C. each	
Z4/6625-99-949-5448	POWER SUPPLY SET	For bench testing manpack radio sets	14186
Z4/6625-99-949-0066	PROBE UNIT, NOISE INJECTOR	Comprising: wave guide and C.V. 1881 noise source; plug and cable entry first and ring nut second end	•
Z4/6625-99-944-1474 Z4/6625-99-104-6693	PULSE GENERATOR SET, CT434A Q-METER SET	Marconi Instruments TF 1400/2S; provides single or double pulses of either polarity, with a wide range of independent control of the recurrence frequency, of the pulse length, and of the separation between pulse pairs Advance type T2 including jack-plug, handbook	
24/WD 3287	RECORDER Graphic 1mA., F.S.D., No. 1	and stand-off platform Switch board projecting type in cast iron case; fitted with a continuous roll chart, printing thereon two scales each 2.7/8 in. wide; chart	
Z4/ WD 3288		I UNGIGON TWO SCALES EACH Z. //X in, wide, chart	1
	<pre>lmA., F.S.D., No. 2 0 to 600V., 50 c/s. Portable</pre>	speed 3 in. per hour Same as Z4/WD 3287, but chart speed 1/2 in. per minute	
Z4/XQ 1011	0 to 600V., 50 c/s. Portable Equipment	speed 3 in. per hour	
	0 to 600V., 50 c/s. Portable Equipment Portable Equipment 0-100, 200, 300, 600/5 amps., A.C.	speed 3 in. per hour Same as Z4/WD 3287, but chart speed 1/2 in. per minute Comprising:- Leather or other approved case, containing instrument in hardwood, dust tight case with leather carrying handle, 1 bottle of recording ink, 6 spare charts, 1 spare recording pen, continuous roll chart 4 in. wide, speed 1 in. per hour, 7 day min. length, 8 day clock drive,	
Z4/XQ 1011	0 to 600V., 50 c/s. Portable Equipment Portable Equipment 0-100, 200, 300, 600/5	<pre>speed 3 in. per hour Same as Z4/WD 3287, but chart speed 1/2 in. per minute Comprising:- Leather or other approved case, containing instrument in hardwood, dust tight case with leather carrying handle, 1 bottle of recording ink, 6 spare charts, 1 spare recording pen, continuous roll chart 4 in. wide, speed 1 in. per hour, 7 day min. length, 8 day clock drive, for use in tropical climates</pre>	
Z4/XQ 1011 Z4/XQ 1006	0 to 600V., 50 c/s. Portable Equipment 0-100, 200, 300, 600/5 amps., A.C. Three shape 415-240V., 50 c/s.,	<pre>speed 3 in. per hour Same as Z4/WD 3287, but chart speed 1/2 in. per minute Comprising:- Leather or other approved case, containing instrument in hardwood, dust tight case with leather carrying handle, 1 bottle of recording ink, 6 spare charts, 1 spare recording pen, continuous roll chart 4 in. wide, speed 1 in. per hour, 7 day min. length, 8 day clock drive, for use in tropical climates Consists of instrument with chart 4 in. wide; speed 1 in. per hour, with 7 day min. length Same as Z4/XQ 1006, with the addition of three phase Moving iron type for use on 415-240V., 3 phase, 4 wire, 50 c/s., unbalanced system;</pre>	

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Cat. No.	a second on a particular second s	SECTION Z4	
Cat. No.			Entry (an owner sin and some sin and some
	Item name or designation	Item description or detail	İ.S.P.I Code No
Z4/5840-99-1 05-3856	REFLECTOR, SPHERICAL, PASSIVE, NO. 1	Consists of a hollow metal sphere, a cotton parachute and string harness. Used to check the overall performance of F.C. and S.L. radar equipments	
	REGULATOR, VOLTAGE		
Z4/6625-99-949-4808	Electronic 230V. A.C., 500 VA	Comprises A.C. voltage stabiliser unit with a high purity of waveform for precision A.C. measurements	
Z4/6625-99-949-3155 Z4/5905-99-949-3774	RESISTOR Decade 1-11,110 ohms Step by step, voltage dividing	Lion mount type R.D. 2 10,000 ohms, 4 switches, 300V. max-input; for the division of an input potential, in increments of .0001, by means of rotary switches; decade series in thousands, hundreds, tens and units	
		corres in chouseness handreds, tens and units	
Z4/ZD 03497	RESONATOR, Cavity, standard S band	For calibrating the S band of meter; Q, resonator, cavity, S and X band, No. 1; includes filter assembly terminated at instrument end by a 12 in.length of co-axial cable and co-axial socket and at the free end by a 9 in. length of co-axial cable and a co-axial plug	
Z4/ZD 03498	X band	For calibrating the X band of meter; Q, resonator, cavity, S and X band, No. 1	
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Z4/6625-99-999-1474	RESONATOR UNIT CT 310	11 222 42 222	
Z4/6625-99-999-1819	CT 328	11,000 - 18,000 Mc/s. 26,000 - 40,000 Mc/s.	
Z4/6625-99-999-1473	CT 376	975-2100 Mc/s.	
	REWIND UNIT	Used with Oscillograph Set (Z4/6625-99-960-8475)	
Z4/ZD 04629	SHUNT, Instrument	75mV., 60A., external type with two screw terminals 6 in. long x 1.1/8 in. wide; accuracy to B.S.89	
Z4/6625-99-943-4059	SIGNAL GENERATOR		
Z4/6625-99-943-7456	A.F. advance, type J1 C.T.314A	<pre>15 c/s 50 kc/s. in four ranges Used with sensitivity test equipment, S.A.G.W. Range, 9,000 - 9,500 Mc/s., scaled to 8,800 - 10,000 Mc/s. in one band</pre>	20 *-
Z4/WY 2446	No. 1 Mk. 2/1, equipment		
		A source of R.F. signals of constant amplitude, fed to an accurately calibrated attenuator; with improved meter and thermo couple arrangement; supplied with ancillaries in case, test equipment, No. 6	
Z4/ZD 00391	Mk. 3, equipment	As for Mk. 2/1, except that mains and battery supply plugs and sockets differ from providence	
		marks and are not interchangeable	
	No. 2		
	Mk. 5 equipment	A source of R.F. signals of constant amplitude fed to an accurately calibrated variable resistive attenuator	
	Mk. 5 equipment	attenuator Ranges 16-32, 32-60, 50-100 and 75-150 Mc/s.; supplied with ancillaries in case test invited	
Z4/WY 3603	Mk. 5 equipment	attenuator Ranges 16-32, 32-60, 50-100 and 25-150 M (2010)	
	Mk. 5 equipment	attenuator Ranges 16-32, 32-60, 50-100 and 75-150 Mc/s.; supplied with ancillaries in case test invited	
	Mk. 5 equipment	attenuator Ranges 16-32, 32-60, 50-100 and 75-150 Mc/s.; supplied with ancillaries in case, test equipment No. 3; screens added between 16-32 and 75-100 Mc/s	
	Mk. 5 equipment	attenuator Ranges 16-32, 32-60, 50-100 and 75-150 Mc/s.; supplied with ancillaries in case test invited	

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SECTION Z4

Cat. No.	Item name or designation	Item description or detail	I.S.P.L Code No
Z4/WD 4023	SIGNAL GENERATOR - continued No. 10, equipment	Fixed frequency 6.45 cm.; supplied with ancillaries	10863
Z4/ZD 02674	No. 12, CT 320, equipment	in Case, test equipment, No. 56 Range 35 kc/s 18.3 Mc/s; supplied with ancillaries in case, equipment, rack mounting, 8 unit,	12632
Z4/WD 3941	No. 13, equipment	12 in. chassis without 11d Range 20-80 Mc/s., otherwise as for No. 12, CT. 320	
Z4/WD 3942	No. 14, equipment	Range 95-300 Mc/s., otherwise as for No. 12, CT 320	
Z4/ZD 00425	No. 15, Mk. 1, equipment	Range 10-300 Mc/s; supplied with ancillaries, in case, test equipment, No. 97	
Z4/6625-99-949-0466	No. 16	Range 7.9 - 11 cm. issued with ancillaries in Case,	12143
z4/6625-99-949-0465	Equipment	equipment, rack mounting, 8 unit	
Z4/ZD 04302	No. 18, CT 402 Mk. 1 equipment	Range 1.5-220 Mc/s. in 5 bands. Marconi type TF 995A/3/S in steel case	12635
z4/zd 00381	Portable, Avo		10000
	No. 1, equipment	Range 50 kc/s-80 Mc/s; supplied with ancillaries in Case, test equipment, No. 96	10228
Z4/ZD 03771	No. 2, equipment	Range 450 kc/s 225 Mc/s. in eight ranges	12904
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4/6625-99-945-8648	SIGNAL GENERATOR SET Decca 9351		
4/6625-99-102-8077	No. 12/2	Complete with accessories	
	Marconi type CT 394A	C/w mains lead and two co-axial free plugs	1
4/6625-99-972-6346 4/6625-99-901-9983	IF 801/D/1/S		
	<i>IF 801/D/2/S</i> CT 394B	50 ohms output lead type IM 4824/1	
4/6625-99-106-1189	TF 801/D/95 CT 452A	With accessories *	
4/6625-99-900-8337	TF 144H/6S		
4/ <i>6625-99-949-1649</i> 4/6625-99-945-5649	<i>IF 801A/1A</i> TF 995A/5	C/w attenuater pad type TM 5552	13874
4/6625-99-103-9281	TF 1060/3S		1
4/6625-99-106-0902	TF 1066B/6S, AM/FM TF 1168	C/w Pre-Amplifier model TM 8792 C/w two co-axial free sockets and one mains lead	12000
4/6625-99-102-9126	TF 1168/3M1 TF 2002	[C/w three plugs and mains lead	13880
4/6625-99-103-6633	No. 18 CT 402, Mk. 2,	With standard accessories Similar to Z4/ZD 04302 but housed in aluminium alloy	
4/6625-99-103-6335	equipment Type M1P	case and lid instead of steel Automatic Telephone and Electric Co. Ltd; portable	1
		transistorised instrument for testing and aligning radio telephone receivers of A.T.E. series 700A., 800A. and 900A	
	SILVER, COLLOIDAL		
4/6810-99-220-1011	Dag dispersion		
7 0010-77-220-1011	915	Produces silver coating of very low electrical resistance on plastic and other materials	
4/6810-99-220-1012	962	HIGHLY INFLAMMABLE: in 2 oz. jar	
		Used as a low end contact material for potentiometer tracks] .
		HIGHLY INFLAMMABLE; in 2 oz. jar	
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SECTION Z4

Cat. No.	Item name or designation	Item description or detail	I.S.P.L. Code No.
Z4/6625-99-100-1404	SIMULATOR Radar signal	Used for simulating, range, azimuth and elevation; manually operated synchro transmitter system. Controls operated at a console for test purposes	
z4/6625-99-949-5286	SIMULATOR, TRANSMITTER-RECEIVER RADIO	Frequency range 500-2,500 c/s; for testing complete control harness types A and B installations which employ up to three wireless sets each in either Class A or B vehicles	
Z4/ZD 04627	SOCKET, Co-axial, free, straight entry Bayonet connector	B.N.C. type to suit cables from 0.156 to 0.312 in. dia. with conductor 0.048 in. max. dia.; mating with 0.375 in. dia. B.N.C. plugs; aluminium housing	
z4/wy 0218	SPIRIT LEVEL ASSEMBLY No. 1, equipment	Two adjustable spirit levels mounted back to back on special mounting; supplied in Case, test equipment, No. 69	
Z4/6625–99–104–5017	SWEEP GENERATOR SET	Marconi type TF 1099/3S with probe TM 5997	Staff and Con-

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	SYNCHRO, CONTROL TRANSFORMER
	50 c/s., 50V
Z4/5990-99-972-6453	1.1/2 in.
Z4/5990-99-972-6422	2.50 in. dia.
Z4/5990-99-972-6415	3 in.
	400 c/s., 115V
Z4/5990-99-972-6480	1.1/2 in.
Z4/5990-99-972-6476	2 in.
Z4/5990-99-972-6469	3 in.
Z4/5990-99-100-2650	Size 11
Z4/5990-99-971-8488	Size 23
	1,100 c/s., 20V
Z4/5990-99-972-6430	2 in.
	SYNCHRO, DIFFERENTIAL RECEIVER
,	50 c/s., 50V
Z4/5990-99-972-644 7	2 in.
Z4/5990-99-972-6407	3 in.
	SYNCHRO, DIFFERENTIAL
	TRANSMI TTER
	50 c/s., 50V.
Z4/5990-99-972-6410	2 in.
Z4/5990-99-972-6413	3 in.
74/5000 00 000 000	400 c/s., 115V.
Z 4/ 5990-99-972-6474 Z4/5990-99-972-6467	2.495 in. dia.
Z4/5990-99-972-7538	3.370 in. dia.
24/ 3990-99-972-7338	Size 23
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SECTION Z4

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Cat. No.	Item name or designation	Item description or detail	I.S.P.L. Code No.
Z4/5990-99-972-6408 Z4/5990-99-940-9287 Z4/5990-99-900-1132 Z4/5990-99-972-7579 Z4/5990-99-100-2720 Z4/5990-99-972-6459 Z4/5990-99-972-6419 Z4/5990-99-972-6440 Z4/5990-99-972-6460 Z4/5990-99-972-6460	SYNCHRO, RECEIVER 50 c/s., 50V. 2 in. 400 c/s., 115V. 2 in. 3 in. Size 11 Size 15 1,100 c/s., 20V. 1.1/2 in. SYNCHRO, RESOLVER 50 c/s., 50V. 3 in. 50 c/s., 50V. 3 in. SYNCHRO. TRANSMITTER 50 c/s., 50V. 2 in. Type R.F.H.	With feed-back winding on stator	
Z4/5990-99-972-6417	Type SY-L		
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Z4/5990-99-972-6414 Z4/5990-99-972-6406 Z4/5990-99-972-6434 Z4/5990-99-972-6479 Z4/5990-99-972-6479 Z4/5990-99-972-6472 Z4/5990-99-100-2642 Z4/5990-99-100-2642 Z4/5990-99-100-2642 Z4/5990-99-100-2639 Z4/5990-99-971-7209 Z4/5990-99-972-6441 Z4/5990-99-972-6448 Z4/5990-99-972-6448 Z4/5990-99-972-6448	<pre>3 in. Follow through supply magslip Type R.F.X. Type X-CO 3.370 in. dia. 400 c/s., 115V. 1.1/2 in. 2 in. Type R.F.H. Type SY-L 3.370 in. dia. Size 11 Size 15 Size 18 Size 23 Size 23 Size 23 670 c/s., 15V. 3 in. 1,000 c/s., 20V. 2 in. 1,100 c/s., 20V. 2 in.</pre>	For measuring the anode currents in output stages and providing means of balancing amplifier output, measuring saturation current, checking amplifier characteristics, drift and checking feed back circuits.	
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SECTION Z4

		SECTION Z4	
Cat. No.	Item name or designation	Item description or detail	I.S.P.L. Code No.
	TESTER - continued		
Z4/ZB 11763	Battery discharge	Comprises a moving coll volt meter mounted on an insulating handle with loading resistance	
Z4/5G 2126	Bonding, type B	For testing and screening connections of aircraft; complete	
		with leads, ref. Nos. 2127 and 2128, 0.1 ohms,	
Z4/ZA 49937	Continuity	in teak case with carrying straps Apparatus with facilities for testing the continuity	
24/2A 47501	Continuity	of wireless control harness, types A and B.	
		Includes Extractors, No. 1 and No. 5 but does not include	
	Insulation	the ancillary connectors	
	100V.		
Z4/WY 2851	No. 3	Non-standard megger fitted with insulating fibre base	
Z4/ZD 00285	No. 3, equipment	For insulation testing and high resistance	10 114
		measurements. Supplied with test leads, in case, carrying, leather, No. 15	
Z4/WD 4304	No. 4	Non-standard megger fitted with insulating fibre base	
24/WY 0038	250V., No. 3	For insulation and resistance measurements	
		Test voltage; constant pressure generator supplying 250V.	
		Capping LICE	
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Z4/WY 0726	500V. <i>No.</i> 1		
Z4/WY 0727	No. 2		
24/WD 3606	No. 2, equipment	For insulation testing and high resistance	11091
		measurement, supplied with test leads in case.	
	1.000V.	carrying, leather, No. 7	
Z4/WY 2774	No. 1, Mr. 1		
Z4/ZD 00550	No. 1, Mr. 1, equipment	For insulation testing and high resistance	
		measurement; supplied with test leads in case	
Z4/7.D 01664	No. 1, Mr. 2	carrying, leather, No. 15	
Z4/ZD 01661	No. 1, Mk. 2, equipment	Comprising:	
		Case, carrying, leather, No. 7-1 off	
[Connector, single. No. 206-2 off	
	2,500V.	Tester, insulation, 1,000V, No. 1, Mk. 2 - 1 off	
Z4/ZD 00620	No. 1, Mk. 2	For insulation testing	
Z4/ZD 00621	No. 1, Mk. 2 equipment	Comprising:	
		Case, leather	
		Connector, single, No. 206	
		Tester, insulation	
Z4/XQ 1010	5,000V., equipment	I FOR IDSULATION tecting, supplied	
	5,000V., equipment	For insulation testing; supplied complete in leather case	
Z4/XQ .1010 24/ZA 49936	5,000V., equipment J.D.9	Apparatus with facilities for testing the wireloss	
:4/ZA 49936	J.D.9	Apparatus with facilities for testing the wireless control harness type A and its component parts	ì
:4/ZA 49936		Apparatus with facilities for testing the wireless control harness type A and its component parts	ì
	J.D.9 Magslip	Apparatus with facilities for testing the wireless control harness type A and its component parts Six dial magslip box with separate dials for high and low speeds; used for checking transmitter	1
24/ZA 49936 24/WD <u>333</u> 0	J.D.9 Magslip <i>No. 1</i>	Apparatus with facilities for testing the wireless control harness type A and its component parts Six dial magslip box with separate dials for high and low speeds; used for checking transmitter magslips	ĩ
:4/ZA 49936	J.D.9 Magslip	Apparatus with facilities for testing the wireless control harness type A and its component parts Six dial magslip box with separate dials for high and low speeds; used for checking transmitter magslips 22V, for testing the operation of subscribers line	1
24/ZA 49936 24/WD <u>333</u> 0	J.D.9 Magslip <i>No. 1</i>	Apparatus with facilities for testing the wireless control harness type A and its component parts Six dial magslip box with separate dials for high and low speeds; used for checking transmitter magslips	1
24/ZA 49936 24/WD <u>333</u> 0	J.D.9 Magslip <i>No. 1</i>	Apparatus with facilities for testing the wireless control harness type A and its component parts Six dial magslip box with separate dials for high and low speeds; used for checking transmitter magslips 22V, for testing the operation of subscribers line	1
24/ZA 49936 24/WD <u>333</u> 0	J.D.9 Magslip <i>No. 1</i>	Apparatus with facilities for testing the wireless control harness type A and its component parts Six dial magslip box with separate dials for high and low speeds; used for checking transmitter magslips 22V, for testing the operation of subscribers line	1
24/ZA 49936 24/WD <u>333</u> 0	J.D.9 Magslip <i>No. 1</i>	Apparatus with facilities for testing the wireless control harness type A and its component parts Six dial magslip box with separate dials for high and low speeds; used for checking transmitter magslips 22V, for testing the operation of subscribers line	1
4/ZA 49936 4/WD <u>33</u> 30	J.D.9 Magslip <i>No. 1</i>	Apparatus with facilities for testing the wireless control harness type A and its component parts Six dial magslip box with separate dials for high and low speeds; used for checking transmitter magslips 22V, for testing the operation of subscribers line circuits at CB No. 1 and No. 10 exchange	1

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SECTION Z4

		SECTION 24	
Cat. No.	Item name or designation	Item description or detail	I.S.P.L Code No
	TESTER Ohmmeter		
Z4/WD 3616	No. 1, equipment	For low valve resistance measurements. Supplied with test leads, in Case, carrying, leather, No. 2 Paraget 0.3 obms and 0.30 obms	2049
Z4/ZD 00135	No. 2, equipment	Ranges: 0-3 ohms and 0-30 ohms Detail as for No. 1 except different ranges Ranges: 0-500 ohms and 100-50,000 ohms	10143
Z4/ZD 00136	No. 3, equipment Safety, demolition	With carrying case, less batteries Ranges: 0-1,000 ohms and 0-200,000 ohms	
z4/zd 02482	No. 1, Mr. 2, equipment	A hand driven, generator operated ohmmeter for low resistance measurement; supplied with ancillaries in Case, carrying, canvas Range: 0-300 ohms	
Z4/ZD 03975	No. 1, Mk. 3, equipment	As for Mk. 2, but with improved mechanical arrangements	13401
Z4/ZD 02457	Oil dielectric strength, No. 1, equipment	For testing the electrical strength of insulating oils to B.S.S. 148/1951. Fitted with magnetic overload circuit breaker. Supplied with ancillaries	12667
Z4/WY 0561	Relay, No. 299 AN	and spares in case, test equipment, No. 100 Portable test set used for testing and adjusting	
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	Resistance, earth		3
Z4/W Y 2264	No. 1	Consists of a hand generator, an ohmmeter and the associated electrical circuits in a teak case; an adjustment is provided to bring the total resistance of the potential circuit to a	
Z4/ZD 00195	No. 1, equipment	predetermined value Comprises:- Case, carrying, leather, No. 11	12288
Z4/ZD 03893	No. 2, equipment	Tester, resistance, earth, No. 1 Portable mains operated resistance tester, incorporating a mains voltage 20V. transformer;	
Z4/WD 4265	S.A. 9001	Supplied in hardwood case Portable tester for locating underground cables	
Z4/WD 4266	S.A. 9004	and ducts Portable tester for locating the distance of disconnections in lead covered cable from the	
	Telegraph Distortion and margin	test point	
24/ZD 00643	Portable No. 1, equipment	For functional testing of teleprinters and associated telegraph equipment; supplied with ancillaries and	11294
24/wy 0856 24/wy 0255	T.D.M.S. No. 1 T.G. 956	spares, carried in instrument case For measuring distortion in telegraph channels Used in conjunction with Tester, T.G. 958 to check signal distortion on telegraph lines and	11487
24/WY 0257	T.G. 958	performance of teleprinters 7B Used in conjunction with Tester, T.G. 956 for measuring margin and signal distortion and speed	
		of five code apparatus	
		of five code apparatus	
		of five code apparatus	

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SECTION Z4

Cat. No.	Item name or designation	Item description or detail	I.S.P.L. Code No.
	TESTER - continued		
z4/wy 0857	T.M.S. No. 1. Mai 2		0000
Z4/ZD 02105	No. 8	A portable, audio-frequency measuring set; without batteries	2028
	Valve		
Z4/ZD 00286	Avo		
24/20 00200	No. 3, equipment	For testing values and determination of value characteristics. Supplied with ancillaries and spares in Case, test equipment, No. 93	
	Wee megger		
24/WY 0105	100V. No. 1, Mr. 1	Consists of a hand driven generator and a direct reading ohmmeter. Used for insulation and high resistance measurement. Supplied in Case, carrying, leather. No. 5A	12031
Z4/ZD 00295	Equipment		
24/ZD 00296	250V., No. 1, Mr. 2, equipment 500V.	As for 100V., No. 1, Mk. 1 except test voltage is 250V., and range 0-10 megohms	12031
4/WY 0731	No. 1	Range 0-20 megohms	1
4/ZD 00227	No. 1, equipment	As for 250V., No. 1, Mk. 2, except for test voltage and range 0-20 megohms	12031
		oortage and fange o-co megonimis	
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TEST KIT Wireless set, B70 Z4/ZD 03716 12898 TEST KIT, RADIO Z4/5820-99-103-4697 Transmitter/receiver radio A.13 Z4/6625-99-105-6320 Transmitter/receiver radio A.43R Mk. 2 Vehicle and manpack Z4/6625-99-104-6557 radio sets TEST OSCILLATOR 24/6625-99-949-2644 Airmec, type 254 Range 30 c/s.-30 kc/s. in 3 ranges 14187 Z4/6625-99-932-1890 0.1-10 kc/s.; 2 outputs; output monitored on C.R.T. CT 365 ES 9508 Z4/6625-99-949-6819 No. D-695-A Muirhead type Z4/6625-99-103-6333 A.T.E. Co., Type M.1.J A portable transistorised instrument for setting up and checking audio frequency circuits of A.T.E. series 700, 800 and 900 radio telephone equipments TEST RIG, ELECTRONIC Manpack Tadio, A40/41/42 Z4/6625-99-949-4846 Z4/6625-99-900-7653 Vehicle radio For testing sub-units TEST SET Z4/6625-99-933-1107 Aerial system Testing of feeder lines Continuity Z4/6625-99-104-3444 Wireless control harness 12634 equipment Deviation, F.M. No. 1A, equipment Z4/WD 4025 For measuring carrier deviation of F.M. senders; 6857 issued with ancillaries in Case, test equipment No. 75 85

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		SECTION Z4	1
Cat. No.	Item name or designation	Item description or detail	I.S.P.L Code No
	TEST SET		
Z4/6625-99-949-0515	Deviation, F.M continued No. 2	Supplied with ancillaries in Case, equipment, rack	10958
Z4/ZD 01833	No. 3 equipment	mounting, 4 unit. 12 in., chassis As for No. 2 except for frequency	12977
z4/wy 3178	Drop, armature, No. 1	For testing continuity of armature windings by measuring voltage drop across adjacent commutator sections	
z4/6625-99-104-0263 z4/6625-99-943-2419	Earth loop impedance Electronic valve, CT 160	Foster Transformers, Ltd. type 38878-122A Self contained portable mains operated Valve tester, includes 1 off Z4/5995-99-940-0491 Connector, 3 pt. No. 1.; dimensions closed approx 15.1/4 in. x 10.1/2 in. x 10 in., weight 22 lbs; apparatus similar to A.V.O. commercial type 160 but with the addition of a voltage tapping plate warning notice	12842
Z4/ZD 02337 Z4/ZD 04575	Frequency and power S.H.F., No. 1, equipment F.T.2	Panclimatic sealed for testing wireless sets To enable performance checks to be made on Wireless	12664
1	Eminment	sets and Transmitter/receiver radios	12885
Z4/ZD 04574	Equipment Growler, armature, No. 1		
Z4/WY 3177	Mk. 1	For testing the continuity of armature windings by placing the armature in a magnetic field and listening for growl	10540
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Z4/ZD 01978 Z4/ZD 03643	Mk. 2 Mk. 3	As for Mk. 1, but fitted with test lamp and test prods As for Mks. 1 and 2, but test prods are operated from an auxiliary winding instead of a tapping	11156
	Ignition and electrical	on the main coil	
	Motor vehicle		
Z4/WY 3179	No. 1	For testing ignition and electrical equipment of motor vehicles	
Z4/ZD 00754	No. 1, Motor driven	Portable, for testing 6V and 12V. battery voltage and current under conditions of 60W, 120W, load or light	
Z4/WD 3566	No. 2	As for No. 1, but different manufacturer	
Z4/WY 0079	Insulation No. 3, Mr. 1	A portable high voltage tester used for checking the insulation of components and materials	2040
Z4/ZD 00432	No. 5, equipment	As for No. 3 Mk. 1, except issued with ancillaries	10579
Z4/6625-99-949-0509	25 kV.	in Case, test equipment, No. 98 For indicating the insulation properties of material under pre-selected high voltage stress	13066
Z4/6625-99-104-4564	40 kV. CT 91, equipment	Comprising 2 units (L.T. and control) and (E.H.T.)	
Z4/6625-99-104-0284	Set	<pre>c/w ancillaries Airmec type 251; 0-10,000V., 100-130V., 200-250V., 50/60 c/s. input with test leads and mains connector</pre>	
Z4/ZD 00650	Microphone and receiver No. 4, equipment	For checking the performance of microphones and	
		receivers. Supplied with ancillaries, in Case, equipment, rack mounting, 6 unit, and lid	
24/6625-99-103-5993	Modulation AM/FM	Airmec Type 210	
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SECTION Z4

		SECTION Z4	
Cat. No.	Item name or designation	Item description or detail	I.S.P.L. Code No.
z4/wy 2850	TEST SET - continued Phasing aerial No. 1, equipment Portable. No. 2, Mr. 2	For checking the position of the receiving dipole when the transmitter fires; supplied with ancillaries in case, test equipment, No. 33 For testing voltages, resistance and current; in	2228
24/WY 056 3		moulded case with detachable cover c/w carrying strap; without batteries	
4/6625-99-949-0512 z4/6625-99-104-1676	Power level No. 3, Mk. 2,-15 to +30 db. No. 4, -62 to +36 db. Radar	Used on equipment, I.F.F., Mk. 10	12956
24/6625-50-351-5998 24/6625-50-344-1288	AN/UPM - 4A AN/UPM - 6B	Portable, waterproof case, with carrying strap, containing accessories and calibration charts fitted internally	
Z4/6625-99-100-1634 Z4/6625-99-121-2976 Z4/6625-99-949-1357 Z4/WY 3176	Radio frequency power B.T.H. Ltd. Siemens and Halske Radio, type FT1 Regulator, dynamo, No. 1	Drawing No. W2481144-1 Type Rel-3U-84a-1b For functional testing of certain installed radio equipments; includes all accessories For checking voltage and current in vehicle	12903 6854
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Z4/WD 3429	Relay, telegraph No. 1, equipment	For measuring bias and contact travel ratio and providing D.C. test currents to verify accuracy of adjustment on relays 4121 and 4141	
Z4/6625-99-100-606 9 Z4/ZD 00665	Servo Transfer function analysis Suppression	With variable application	
<i>Z4/ZD/FV 347021</i> Z4/ZD/FV 449758	No. 1, Mk. 3 No. 3, Mk. 1 No. 3, Mk. 2	For measuring the interfering effect at the output of a receiver due to electrical disturbances As for Z4/ZD/FV 449758 For measuring wireless interference in conjunction with a receiver	10795
Z4/WY 0086	Transmitter output, S.L.C. No. 1, Mk. 1	For measuring output power and pulse-recurrence	2086
Z4/WY 2627	No. 1, Mk. 1/1, equipment	frequency (P.R.F.) of transmitters As for Mk. 1, but uses preferred valve components, supplied with ancillaries in Case, test equipment,	
Z4/WY/105/630	lype 193	No. 19 For measuring the activity of crystals operating on frequencies between 3 Mc/s. and 10 Mc/s.	10594
Z4/6625-99-949-373 9	TEST SET, BATTERY	2-0-2V.; 11.000 in. long; 3.705 in. wide; 3.000 in. high	
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SECTION Z4

		SECTION Z4	
Cat. No.	Item name or designation	Item description or detail	I.S.P.L. Code No.
Z4/6625-99-103-6334	TEST SET, DEVIATION AND POWER	Automatic Telephone and Electric Co. Ltd. Type M2T; portable transistorised instrument for use on very high frequency apparatus with a power output not exceeding 15 watts and a maximum frequency of 200 Mc/s.	
Z4/6605-21-112-3637	TEST SET, NAVIGATIONAL SET, UNIT	Used with Navigational Set, Land, Vehicular, C.2	
Z4/6605-21-112-3638	TEST SET, NAVIGATIONAL SET, WORKSHOP	Used with Navigational Set, Land, Vehicular, C.2	
24/6625-99-102-6142	TEST SET, SYNCHRO	For testing magslips	
Z4/6625-99-949-3166	TEST SET, TELEGRAPH	Marconi type TF 1167, without accessories and transit case	13882
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Z4/6625-99-102-3695	TEST SET, TELEGRAPH ASSEMBLY	Consisting of one transmitter test unit and one receiver test unit with cover and panel for standard rack mounting; the two units may be used separately but are normally used together; both units fitted with a 2.3/4 in. dia. cathode ray tube for monitoring purposes	
	TEST SET, TELEGRAPH, DISTORTION		
Z4/ZD 00310 Z4/ZD 00542	AND MARGIN No. 1 No. 2, equipment	For measuring teleprinter receiver margin	<i>12658</i> 13417
Z4/6625-99-949-3165	TEST SET, TELEGRAPH, SET	Marconi type TF 1167, c/w accessories and transit case	
Z 4/ 6625–99–949–0872	TEST SET, TRANSISTOR, CT 446	For measuring parameters of signal and low power transistors in the grounded emitter configuration. Battery operated from 14 U10 batteries	13231
Z4/6625-99-943-4149	TEST SET, ULTRA HIGH FREQUENCY EQUIPMENT	Portable; for functional testing transmitter-receivers CP. 193680 Plessey	
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SECTION Z4

		SECTION Z4	
Cat. No.	Item name or designation	Item description or detail	I.S.P.L Code No
Z4/6625-99-949-1358	TEST UNIT Radio, type F.T.1		
24/0023-33-343-1330	Telegraph		ł
4/ZD 05453	Receiver, A.T.E 6B	For accurate monitoring and checking incoming D.C. telegraph signals for speed and the various forms of distortion likely to be encountered in the setting up, routine maintenance and fault location of a V.F. telegraph system or network and associated D.C. telegraph equipment	13319
z4/ZD 05452	Transmitter, A.T.E 5B	Provides a comprehensive selection of accurately derived telegraph signals for use in setting up, routine maintenance and fault location of a V.F. telegraph system	13440
1	TRANSFORMER		
4/wy 0981	Auto, 100 VA., No. 2	Fitted in Z lorries to provide 115V., A.C., from 230V., mains supply or vice versa	
z4/wy 0026	Avo, 50A., No. 1	For extending the current ranges to 50A. of Instrument, testing avometer, universal, 46 or 50 range	
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	Current		
4/wy 0793	400A., primary, 100 mA., secondary, No. 1	For extending the current ranges to 400A., A.C. of Instrument, testing, avometer, universal	
4/WY 0148	No. 1	46 or 50 range	
/ZD 03908 4/WY 0089	Portable, 15 VA.	With current ratios 500/5, 200/5, 100/5; in wooden case	
4 MI 0009	Isolating, No. 1 Potentiometer	For isolating test gear from main supply	
1/WY 2591	Standard, No. 1		
4/5950-99-949-3781	Variable power	Input, 230V., 50 c/s., single phase; output, 0-270V. at 8A., 2 kVA.	
	UNIT, Decade Condenser		
·	1μF.	Mica dielectric	
WD 2987 WD 3518	No. 1 No. 2	Grade 2; range 1 µF. in steps of 0.001 µF. Grade 1; condensers screened and independent screened terminal provided; range 1 µF. in steps	
/ZD 01918	1µF. + 0.1 + 0.5 µF.	As for WD 3518 with addition of one fixed mica canacitor	
	Resistance	of $0.1\mu F$. and one of $0.5\mu F$. mounted in the same case	
I∕WY 3053	111.1 ohms, No. 1	Each unit screened; sub-divided in steps of 0.01 ohms by means of four rotary switches. Decade series of tens, units, tenths and hundredths	
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SECTION Z4

		SECTION 24	
Cat. No.	Item name or designation	Item description or detail	I.S.P.L. Code No.
	UNIT, DECADE		
	Resistance - continued	the second s	
Z4/WD 3519	i,111 ohms, No. 1	Screened, non-reactive resistance box with three dials; total resistance, sub-divided by increments of	
z4/wy 0732	9,999 ohms, No. 1	0.1 ohms Sub-divided in steps of one ohm by means of rotary	2084
24/WI 0732	7,777 Olundy Not 1	switches. Decade series of thousands, hundreds, tens and units	
	11,110 ohms		
Z4/WY 2668	No. 1	Sub-divided in steps of one ohm by means of four rotary switches. Decade series of thousands, hundreds.	
		tens and units	
Z4/WY 2800	No. 2	H.F., screened and non-reactive, sub-divided in steps of one ohm by means of four rotary dials. Decade	
Z4/WY 3052	111,000 ohms, No. 1	series of thousands, hundreds, tens and units Coil unit screened, rotary switches arranged in decade series of ten thousands, thousands and hundreds	
			$\hat{\mathcal{C}}$
	UNIT, Ratio arm	Both arms contained in screened boxes and screened	
		from each other; non-reactive	
Z4/WY 2801 Z4/WD 3520	600 + 600 ohms, No. 1 1000 + 1000 ohms, No. 1		
	VOLTMETER, A.C.	All A.C. voltmeters listed conform to the following	
		particulars unless otherwise stated; moving iron. spring controlled, round case, self-contained, calibrated on 50 c/s. Those with dial sizes 2 in., 2.1/2 in. and 3.1/2 in. are to W.T. Board spec. K.113 and B.S. 89. The remainder are to B.S. 89 only	
	2 in. dial	89 0HTY	
ZALED DOODP	Square flange		
Z4/XD 00098	<i>150V</i> . 2.1/2 in. dial	Rectifier pattern; calibrated on Fe. panel	
·*,	Flush		
Z4/XB 14879	2V.	Rectifier pattern; sensitivity 2,000 ohms/V.; calibrated on Fe. panel	
Z4/XB 15704	5V., No. 1	Rectifier pâttern; sensitivity 200 ohms/V.;	
Z4/ZA 17962	201.	calibrated on N/Fe. panel Calibrated on N/Fe. panel at 85° C.	
Z4/XB 15828	30V.	Rectifier pattern; sensitivity 500 ohms/V.; calibrated on Fe. panel	
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Cat. No.	Item name or designation	Item description or detail	I.S.P.L Code No
Z4/ZA 4935 Z4/ZA 13063 Z4/XB 14744 Z4/XD 00124 Z4/ZC 10231 Z4/ZD 02781 4/ZD 03622 Z4/XD 00362 Z4/XD 00362 Z4/XD 00343 Z4/XD 00087	VOLTMETER, A.C. 2.1/2 in. dial Flush - continued 300V., No. 1 300V., No. 2 300V., Tpl., No. 2 300V., Tpl., No. 3 300V., No. 5 300V., No. 7 300V., No. 7 300V., No. 8 500V. Projecting 300V. 3.1/2 in. dial 300V., No. 2 Square flange 500V.	<pre>Calibrated on Fe. panel; terminals 2 B.A. Calibrated on N/Fe, panel Rectifier pattern; sensitivity 1,000 ohms/V.; calibrated on Fe. panel Calibrated on Fe. panel; sensitivity 150 ohms/V.; supplied c/w external resistance; hermetically sealed Rectifier type; calibrated for Fe. panel Calibrated on N/Fe. panel Calibrated on Fe. panel Calibrated on N/Fe. panel; supplied c/w external resistance Calibrated on N/Fe. panel Calibrated on N/Fe. panel Calibrated on N/Fe. panel Calibrated for Fe. and N/Fe. panel Rectifier pattern; calibrated on Fe. panel; supplied c/w four external resistances</pre>	
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	4 in. dial		i
Z4/XD 00368 Z4/ZD 02969 Z4/XB 11917 Z4/XB 00353 Z4/XD 00354 Z4/XD 00162 Z4/XD 00129 Z4/XD 00102 Z4/XD 00102 Z4/XD 00139	Flush 300V. 500V., No. 2 500V., No. 3 Projecting 300V. 6 in. dial Flush 300V., No. 5 500V., No. 4 500V., CP/LKA Projecting 300V., No. 2 500V., No. 1 500V., No. 2 500V., No. 5	 Calibrated on Fe. panel Calibrated on Fe. panel Calibrated on Fe. panel Calibrated on Fe. and N/Fe. panel; rear flange or terminal stem fixing Calibrated on Fe. panel Calibrated on Fe. and N/Fe. panel; M.I.S.C. instrument Calibrated on Fe. and N/Fe. panel, 2 fixing holes on vertical centre line Calibrated on Fe. and N/Fe. panel; 3 fixing holes on 7 in. P.C.D. Calibrated on Fe. and N/Fe. panel; 3 fixing holes on 7.1/4 in. P.C.D. Calibrated on Fe. and N/Fe. panel; 3 fixing holes on 7.1/4 in. P.C.D.; supplied c/w external 	
z4/xD 00209	500V., G.E.C. M2416P	Calibrated on Fe and N/Fe. panel; 3 fixing holes on 6.1/2 in. P.C.D.	
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SECTION Z4

		SECTION 24	
Cat. No.	Item name or designation	Item description or detail	I.S.P.L. Code No.
	VOLIMETER A.C continued	The following voltmeters conform to the following particulars unless otherwise stated:- Round case, self-contained and to B.S.89	
Z4/YB 02507	Portable 2.1/2 in. scale 300V.	Moving iron, spring controlled; sensitivity 210 ohms/V.; 2 insulated terminal stems	
Z4/XA 13759	5 in. scale 30V.	Moving iron, spring controlled; F.S.D. 110mA.; contained in wooden case with carrying handle	
Z4/XB 9790	6 in. scale 250V.	Moving iron, spring controlled; hardwood or cast alloy case with carrying handle	
Z4/XB 9630	8 in. scale 160V.	Moving iron, spring controlled; contained in hardwood or metal case; anti-parallax mirror scale	
Z4/ZA 34391	VOLTMETER A.C., R.F. 3.1/2 in. dial Flush 20V.	Moving coil, thermo couple operated; F.S.D., 15mA.; calibrated on N/Fe. panel; red line at 6.3V.	
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	VOLTMETER, D.C.	All D.C. instruments listed conform to the following particulars unless otherwise stated: Moving coil, round case, self-contained. Those with sizes 2 in., 2.1/2 in. and 3.1/2 in. are to W.T. Board Spec. K.113 and B.S. 89. The remainder are to B.S. 89 only	
Z4/XD 00142 Z4/ZD 00152	1.1/2 in. dial, flush, 15V., No. 1 1.3/4 in. dial, square flange,		
	40V. 2 in. dial Flush	Caliblated on re. panel	
Z4/XD 00134 Z4/ZA 7359	15V. 50V.	Calibrated on Fe. panel; terminal stems 3/8 in. long Calibrated on N/Fe. panel; terminal stems 13/16 in. long	
Z4/XB 9779 Z4/XD 00320	Projecting 150V. 150V., No. 2	Calibrated on N/Fe. panel Calibrated on N/Fe. panel; terminal stems 1 in. long	
Z4/XB 15410 Z4/XD 00373 Z4/XD 00095	Square flange 15V. 25V., No. 2 200V. 2.1/2 in. dial Flush	Sensitivity 200 ohms/V.; calibrated on Fe. panel Calibrated on N/Fe. panel Calibrated on Fe. panel	
<i>74/ZA</i> 31699 Z4/YB 00901	30-0-30 mV. 150-0-150 mV.	Calibrated on Fe. panel Calibrated on Fe. and N/Fe. panel; sensitivity 1,333 ohms/V.; terminal stems 3/4 in. long	
Z4/ZA 27483 Z4/XD 00179 Z4/XD 00006 Z4/XD 00170 Z4/XD 00316	1V. 20V. 30V., No. 1 30V., No. 2 30V., No. 3	Calibrated on Fe. panel; sensitivity 1,000 ohms/V. Calibrated on Fe. and N/Fe. panel Calibrated on N/Fe. panel Calibrated on Fe. panel; sensitivity 1,000 ohms/V. Calibrated on Fe. panel; white scale on black dial	
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SECTION Z4

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Cat. No.	Item name or designation	Item description or detail	I.S.P Code 1
Z4/ZD 03011	VOLTMETER, D.C. 2.1/2 in. dia. Flush - continued 35V.	Calibrated on Fe. panel	
Z4/XB 15909	50V.	Calibrated on Fe. panel	
Z4/ZD 03623	50V., No. 2	Calibrated on Fe. panel; terminal stems 9/16 in. long	
Z4/XB 13167 Z4/XD 00336	100V. 100V., No. 2	Calibrated on Fe. panel Calibrated on Fe. and N/Fe. panel	
Z4/XD 00325	150V.	Sensitivity 1,000 ohms/V.; supplied c/w external	
Z4/XB 14055	150V., No. 2	resistance Calibrated on Fe. panel	
Z4/XB 15706	400V.	Calibrated on N/Fe. panel	
Z4/ZA 17961	500V., No. 1	Calibrated on N/Fe. panel; supplied c/w external	
Z4/XB 15702	500V., No. 2	resistance Calibrated on N/Fe. panel	
Z4/ZA 16970	600V.	Calibrated on N/Fe. panel; supplied c/w external	
	Projecting	resistance	
Z4/ZA 16130	10.	Calibrated on N/Fe. panel; sensitivity 1,000 ohms/V.	
Z4/YB 9730	150 V.	Calibrated on N/Fe. panel; terminal stems 15/16 in.	
z4/XB 15992	350-0-350 mV., No. 1	Calibrated on Fe. and N/Fe. panel	
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Z4/XB 16316	350-0-350 mV., No. 2	Colibrate	1
		Calibrated on Fe. and N/Fe. panel; terminal stems $7/8$ in. \times 2BA	
.4/WX 35676	3 in. dial Flush 40V.		
		Calibrated on Fe. panel; clamp fixing; panel hole dia. 3.5/16 in.	
	3.1/2 in. dial Flush		
4/WX 20283	20 V.	Calibrated on Fe. panel	
4/WX 1302 4/WX 20896		Calibrated on Fe. panel	
	40 V.	Calibrated on Fe. panel	
	90 V.	Calibrated on Fe. panel Calibrated on Fe. panel	
4/XD 00071 4/XA 10401		Calibrated on Fe. panel Calibrated on Fe. panel Calibrated on Fe. panel	1
24/XD 00071 24/XA 10401	90 V. 120 V.	Calibrated on Fe. panel Calibrated on Fe. panel Calibrated on Fe. panel Calibrated on N/Fe. panel Calibrated on Fe. panel: supplied of montements	
4/XD 00071 4/XA 10401	90 V. 120 V. 160V.	Calibrated on Fe. panel Calibrated on Fe. panel Calibrated on Fe. panel Calibrated on N/Fe. panel Calibrated on Fe. panel; supplied c/w external resistance; 3 fixing holes on A 1 in P.C.P.	
4/XD 00071 4/XA 10401 4/ZA 17965	90 V. 120 V. 160V. 600V. Projecting	Calibrated on Fe. panel Calibrated on Fe. panel Calibrated on Fe. panel Calibrated on N/Fe. panel Calibrated on Fe. panel; supplied c/w external resistance; 3 fixing holes on 4.1 in. P.C.D.; sensitivity 1,000 ohms/V.	
4/XD 00071 4/XA 10401 4/ZA 17965 4/XD 00092	90 V. 120 V. 160V. 600V. Projecting 120 V.	Calibrated on Fe. panel Calibrated on Fe. panel Calibrated on Fe. panel Calibrated on N/Fe. panel Calibrated on Fe. panel; supplied c/w external resistance; 3 fixing holes on 4.1 in. P.C.D.; sensitivity 1,000 ohms/V. Calibrated on Fe. panel	
4/XD 00071 4/XA 10401 4/ZA 17965 4/XD 00092 4/ZA 7128	90 V. 120 V. 160V. 600V. Projecting 120 V. 150V. Square flange	Calibrated on Fe. panel Calibrated on Fe. panel Calibrated on Fe. panel Calibrated on N/Fe. panel Calibrated on Fe. panel; supplied c/w external resistance; 3 fixing holes on 4.1 in. P.C.D.; sensitivity 1,000 ohms/V.	
24/XD 00071 24/XA 10401 24/ZA 17965 4/XD 00092 4/ZA 7128 4/XD 00089	90 V. 120 V. 160V. 600V. Projecting 120 V. 150V.	Calibrated on Fe. panel Calibrated on Fe. panel Calibrated on Fe. panel Calibrated on N/Fe. panel Calibrated on N/Fe. panel Calibrated on Fe. panel; supplied c/w external resistance; 3 fixing holes on 4.1 in. P.C.D.; sensitivity 1,000 ohms/V. Calibrated on Fe. panel Calibrated on N/Fe. panel Calibrated on Fe. panel; tropical finish: 2 atom	
24/XD 00071 24/XA 10401 24/ZA 17965 4/XD 00092 4/ZA 7128 4/XD 00089	90 V. 120 V. 160V. 600V. Projecting 120 V. 150V. Square flange	Calibrated on Fe. panel Calibrated on Fe. panel Calibrated on Fe. panel Calibrated on N/Fe. panel Calibrated on N/Fe. panel; supplied c/w external resistance; 3 fixing holes on 4.1 in. P.C.D.; sensitivity 1,000 ohms/V. Calibrated on Fe. panel Calibrated on N/Fe. panel Calibrated on Fe. panel; tropical finish; 3 stud fixing on 4.1 in. P.C.D.	
24/XD 00071 24/XA 10401 24/ZA 17965 4/XD 00092 4/ZA 7128 4/XD 00089 4/XD 00088	90 V. 120 V. 160V. 600V. Projecting 120 V. 150V. Square flange 15V.	<pre>Calibrated on Fe. panel Calibrated on Fe. panel Calibrated on Fe. panel Calibrated on N/Fe. panel Calibrated on N/Fe. panel Calibrated on Fe. panel; supplied c/w external resistance; 3 fixing holes on 4.1 in. P.C.D.; sensitivity 1,000 ohms/V. Calibrated on Fe. panel Calibrated on N/Fe. panel Calibrated on Fe. panel; tropical finish; 3 stud fixing on 4.1 in. P.C.D. Calibrated on Fe. panel; tropical finish; 3 stud fixing on 4.1 in. P.C.D.</pre>	
4/XD 00071 4/XA 10401 4/XA 17965 4/XD 00092 4/ZA 7128 4/XD 00089 4/XD 00088 4/XD 000117	90 V. 120 V. 160V. 600V. Projecting 120 V. 150V. Square flange 15V. 100V. 200V.	 Calibrated on Fe. panel Calibrated on Fe. panel Calibrated on Fe. panel Calibrated on N/Fe. panel Calibrated on N/Fe. panel Calibrated on Fe. panel; supplied c/w external resistance; 3 fixing holes on 4.1 in. P.C.D.; sensitivity 1,000 ohms/V. Calibrated on Fe. panel Calibrated on Fe. panel; tropical finish; 3 stud fixing on 4.1 in. P.C.D. Calibrated on Fe. panel; tropical finish; 3 stud fixing on 4.1 in. P.C.D. Calibrated on Fe. panel; tropical finish; 3 stud fixing on 4.1 in. P.C.D. 	
4/XD 00071 4/XA 10401 4/XA 17965 4/XD 00092 4/ZA 7128 4/XD 00089 4/XD 00088 4/XD 000117	90 V. 120 V. 160V. 600V. Projecting 120 V. 150V. Square flange 15V. 100V.	 Calibrated on Fe. panel Calibrated on Fe. panel Calibrated on Fe. panel Calibrated on N/Fe. panel Calibrated on N/Fe. panel Calibrated on Fe. panel; supplied c/w external resistance; 3 fixing holes on 4.1 in. P.C.D.; sensitivity 1,000 ohms/V. Calibrated on Fe. panel Calibrated on Fe. panel; tropical finish; 3 stud fixing on 4.1 in. P.C.D. Calibrated on Fe. panel; tropical finish; 3 stud fixing on 4.1 in. P.C.D. Calibrated on Fe. panel; tropical finish; 3 stud fixing on 4.1 in. P.C.D. Calibrated on Fe. panel; tropical finish; 3 stud fixing on 4.1 in. P.C.D. Calibrated on Fe. panel; tropical finish; 3 stud fixing on 4.1 in. P.C.D. 	
4/XD 00071 4/XA 10401 4/XA 17965 4/XD 00092 4/ZA 7128 4/XD 00089 4/XD 00088 4/XD 00088	90 V. 120 V. 160V. 600V. Projecting 120 V. 150V. Square flange 15V. 100V. 200V.	<pre>Calibrated on Fe. panel Calibrated on Fe. panel Calibrated on Fe. panel Calibrated on N/Fe. panel Calibrated on N/Fe. panel Calibrated on Fe. panel; supplied c/w external resistance; 3 fixing holes on 4.1 in. P.C.D.; sensitivity 1,000 ohms/V. Calibrated on Fe. panel Calibrated on N/Fe. panel Calibrated on Fe. panel; tropical finish; 3 stud fixing on 4.1 in. P.C.D. Calibrated on Fe. panel; tropical finish; 3 stud fixing on 4.1.in. P.C.D. Calibrated on Fe. panel; tropical finish; 3 stud fixing on 4.1.in. P.C.D.</pre>	
4/XD 00071 4/XA 10401 4/XA 17965 4/XD 00092 4/ZA 7128 4/XD 00089 4/XD 00088 4/XD 000117	90 V. 120 V. 160V. 600V. Projecting 120 V. 150V. Square flange 15V. 100V. 200V.	 Calibrated on Fe. panel Calibrated on Fe. panel Calibrated on Fe. panel Calibrated on N/Fe. panel Calibrated on N/Fe. panel Calibrated on Fe. panel; supplied c/w external resistance; 3 fixing holes on 4.1 in. P.C.D.; sensitivity 1,000 ohms/V. Calibrated on Fe. panel Calibrated on Fe. panel Calibrated on Fe. panel; tropical finish; 3 stud fixing on 4.1 in. P.C.D. Calibrated on Fe. panel; tropical finish; 3 stud fixing on 4.1 in. P.C.D. Calibrated on Fe. panel; tropical finish; 3 stud fixing on 4.1 in. P.C.D. Calibrated on Fe. panel; tropical finish; 3 stud fixing on 4.1 in. P.C.D. Calibrated on Fe. panel; tropical finish; 3 stud fixing on 4.1 in. P.C.D. 	
4/XD 00071 4/XA 10401 4/XA 17965 4/XD 00092 4/ZA 7128 4/XD 00089 4/XD 00088 4/XD 00088	90 V. 120 V. 160V. 600V. Projecting 120 V. 150V. Square flange 15V. 100V. 200V.	 Calibrated on Fe. panel Calibrated on Fe. panel Calibrated on Fe. panel Calibrated on N/Fe. panel Calibrated on N/Fe. panel Calibrated on Fe. panel; supplied c/w external resistance; 3 fixing holes on 4.1 in. P.C.D.; sensitivity 1,000 ohms/V. Calibrated on Fe. panel Calibrated on Fe. panel Calibrated on Fe. panel; tropical finish; 3 stud fixing on 4.1 in. P.C.D. Calibrated on Fe. panel; tropical finish; 3 stud fixing on 4.1 in. P.C.D. Calibrated on Fe. panel; tropical finish; 3 stud fixing on 4.1 in. P.C.D. Calibrated on Fe. panel; tropical finish; 3 stud fixing on 4.1 in. P.C.D. Calibrated on Fe. panel; tropical finish; 3 stud fixing on 4.1 in. P.C.D. 	
24/XD 00071 24/XA 10401 24/ZA 17965 4/XD 00092 4/ZA 7128 4/XD 00089 4/XD 00088 4/XD 000117 4/XD 00090	90 V. 120 V. 160V. 600V. Projecting 120 V. 150V. Square flange 15V. 100V. 200V.	 Calibrated on Fe. panel Calibrated on Fe. panel Calibrated on Fe. panel Calibrated on N/Fe. panel Calibrated on N/Fe. panel Calibrated on Fe. panel; supplied c/w external resistance; 3 fixing holes on 4.1 in. P.C.D.; sensitivity 1,000 ohms/V. Calibrated on Fe. panel Calibrated on Fe. panel Calibrated on Fe. panel; tropical finish; 3 stud fixing on 4.1 in. P.C.D. Calibrated on Fe. panel; tropical finish; 3 stud fixing on 4.1 in. P.C.D. Calibrated on Fe. panel; tropical finish; 3 stud fixing on 4.1 in. P.C.D. Calibrated on Fe. panel; tropical finish; 3 stud fixing on 4.1 in. P.C.D. Calibrated on Fe. panel; tropical finish; 3 stud fixing on 4.1 in. P.C.D. 	
4/XD 00071 4/XA 10401 4/XA 17965 4/XD 00092 4/ZA 7128 4/XD 00089 4/XD 00088 4/XD 00088	90 V. 120 V. 160V. 600V. Projecting 120 V. 150V. Square flange 15V. 100V. 200V.	 Calibrated on Fe. panel Calibrated on Fe. panel Calibrated on Fe. panel Calibrated on N/Fe. panel Calibrated on N/Fe. panel Calibrated on Fe. panel; supplied c/w external resistance; 3 fixing holes on 4.1 in. P.C.D.; sensitivity 1,000 ohms/V. Calibrated on Fe. panel Calibrated on Fe. panel Calibrated on Fe. panel; tropical finish; 3 stud fixing on 4.1 in. P.C.D. Calibrated on Fe. panel; tropical finish; 3 stud fixing on 4.1 in. P.C.D. Calibrated on Fe. panel; tropical finish; 3 stud fixing on 4.1 in. P.C.D. Calibrated on Fe. panel; tropical finish; 3 stud fixing on 4.1 in. P.C.D. Calibrated on Fe. panel; tropical finish; 3 stud fixing on 4.1 in. P.C.D. 	

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		SECTION Z4	
Cat. No.	Item name or designation	Item description or detail	I.S.P.L. Code No.
	VOLTMETER. D.C continued 4 in. dial		
Z4/XD 00002	Flush 100V.	Calibrated on Fe. and N/Fe. panel; protected dial,	
Z4/XD 00143	150 V. No. 1	clamp or flange fixing; panel hole 4.7/8 in. dia. Calibrated on Fe. and N/Fe. panel; sensitivity 133 ohms/V.; clamp or flange fixing; panel hole	
Z4/ZD 03018	Square flange 3.5-0-35V. 6 in. dial Flush	5.1/16 in. dia.	
Z4/XD 00356 Z4/XD 00370	120 V., No. 2 300 V., No. 2	Calibrated on Fe. panel; hermetically sealed Calibrated on Fe. and N/Fe. panel; 3 fixing holes on 7.1/2 in., P.C.D.	
Z4/WX 38328	Projecting 40V.	Calibrated on Fe. and N/Fe. panel; 3 fixing holes on	
Z4/WX 39690	150 V.	7 in., P.C.D. Calibrated on Fe. and N/Fe. panel; 3 fixing holes on 6.3/4 in., P.C.D., 2 terminal stems 3.1/4 in. × 1BA.	
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	Electrostatic		1
Z4/ZA 23830	3.1/2 in. dial Flush 5 KV.	Moving vane; spring controlled, round moulded case; for use on N/Fe. panel	
	Portable Secondary cell		
Z4/XA 13760	0-6V., No. 1, equipment	Moving coil; supplied with test prods and rubber covered flexible leads in leather carrying case	
<i>Z4/ZD 00110</i> Z4/ZD 00109	3-O-3V., No. 1 Equipment, No. 2 Equipment, No. 3		
		All voltmeters listed conform to the following particulars unless otherwise stated:- Round Case, self-contained and to B.S.89	
	2.1/2 in. scale 2.5 V. and 75 V., double range		
Z4/XB 14047	No. 1	Moving coil, magnetically shielded; anti-parallax mirror; does not include 3 pin plug, lead, or	
Z4/XB 00094	No. 2	As for No. 1, but supplied c/w connectors and	
Z4/XB 12480	5V. and 100V., double range Pocket type	leather case Moving coil; sensitivity 1,000 ohms/V.; two insulated terminal stems	
Z4/ZA 7372	15V. and 250V., 2 range No. 1	Fitted with spike and 18 in. of cord, press button	
Z4/ZA 29566	No. 2	for 15V.; supplied without carrying case As for No. 1, but supplied with case	
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Cat. No.	Item name or designation	Item description or detail	I.S.P.L. Code No.
Z4/ZB 7353 Z4/ZD 00430	VOLTMETER, D.C. Portable - continued 5 range 300V., substandard, No. 1 Electrodynamic 3 range 300V. substandard, No. 1	 Moving coil, for calibrating Voltmeters. Supplied in leather carrying case Used for calibrating Voltmeters. Calibrated on D.C. and 50 c/s A.C. Frequency errors negligible between 20 and 150 c/s 	
Z4/ 6625-99-104-6993	VOLTMETER, DIGITAL, A.C./D.C.	Input 100-250V.; 50-400 c/s.; type DM2003	
Z4/6625-99-972-7776 Z4/6625-99-100-6081 Z4/6625-99-103-3116 Z4/6625-99-103-8974	VOLIMETER, ELECTRONIC 0.02 to 2V. 0 to 150V. 100µV. to 300V. A.C. Type V.M.78	50 c/s to 100 Mc/s; type TF 899A O.5 c/s to 1 kc/s in 8 steps 10 c/s to 5 Mc/s.; type TF 2600 Advance Electronics Ltd	13783
z4/6625-99-102-2035	VOLTMETER, ELECTRONIC, SET CT 88, CT 89	Portable; range 50 to 140 mV/s. R.M.S. between 1 Mc/s and 300 Mc/s	14512
74/6625-99-100-3747	VOLTMETER, MOVING COIL 2 in. square, flush Q-400V., F.S.D.		
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Z4/6625-99-100-3165 Z4/6625-99-100-3221 Z4/6625-99-100-3221 Z4/6625-99-100-3201 Z4/6625-99-100-3201 Z4/6625-99-100-3201 Z4/6625-99-100-3201 Z4/6625-99-100-3175 Z4/6625-99-100-3927 Z4/6625-99-100-3928 Z4/6625-99-100-3925 Z4/6625-99-100-5399 Z4/6625-99-100-5397 Z4/6625-99-100-5381 Z4/6625-99-100-5381 Z4/6625-99-100-5381 Z4/6625-99-100-5381	2.1/2 in. dia., flush 10V. 10-0-10V. 50V. 100V. 300V., A.C. 2.1/2 in. scale length, flush 3.1/2 in. dia., flush 1-0-1V. and 50-0-50V. 3-0-3V. and 30-0-30V. 3.1/2 in. dia. square flange, flush 0-250V. 0-400V. 0-500V. 0-600V. Flush mounted 2.1/2 in. nominal barrel dia. Scaled 0-150V. and 0-5V. Panel type 2 in. 0-50V., D.C. 2.1/2 in. dia. 0-3V., D.C. 15-0-15V., D.C. 2.1/2 in. dia. body 0-500V., D.C. 0-500V., D.C. 0-500V., D.C. 0-500V., D.C.	Accuracy to B.S. 89, in grade; jewels to B.S. 904; Fe. panel	
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Cat. No.	Item name or designation	Item description or detail	I.S.P.L. Code No.
	VOLIMETER, MOVING COIL		
	Panel type 2.1/2 in. dia. body -		
	continued		
4/6625-99-100-4992 4/6625-99-100-4988	0-750V,, D.C. 100-0-100V,, D.C.	· · ·	
	3.1/2 in. dia.		
4/6625-99-100-5402	1-0-1V., D.C. 0-100V., D.C.		1
4/6625-99-100-5794	0-250V.		
4/6625-99-100-5495	0-300V., and 0-500V 0-400V.		
4/6625-99-100-5502	0-500V.		
4/6625-99-100-5404	0-500V., D.C. 0-600V.		
4/6625-99-100-5803	3.1/2 in. dia. body		
4/6625-99-100-5730	0-10V., D.C.		
4/6625-99-100-5731	0-5V., D.C., 0-10V. D.C., 0-20V., D.C.		1
4/6625-99-100-5579	0-50V., D.C. 0-300V., D.C.		
4/6625-99-100-5376	4 in. dia. body		
4/XD 00323	0-40V., D.C.	Calibrated on Fe. panel; sensitivity 66.6 ohms/V.;	
		terminal stems 1.3/16 in. x 2 B.A.	<u> </u>
		· · · · · · · · · · · · · · · · · · ·	a a
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24/6625-99-100-5475	Portable, 0-200V.		, 1
	Rectifier Panel type		
z4/6625-99-100-5600	2.1/2 in. dia., 0-10V.,		
z4/6625-99-100-5612	400 c/s 3.1/2 in. dia., 0-50V.,		
.,	400 c/s		
24/6625-99-077-1201	Projecting 3.1/2 in. dia., 0-10V.		
.,			
	VOLTMETER, MOVING IRON		a tradeta a
	Flange mounted 2.1/2 in. barrel dia.		- - -
4/6625-99-077-1228	0-300V., A.C.		
4/6625-99-110-2748	3.1/2 in. dia. 0-300V.	300 c/s to 500 c/s	
•	Flush		1
ALCON 00 100 00/7	2.1/2 in. dia.		
	300V. 2 in crain	ECD a with automatic terms at the second	1
1	300V., 2 in. scale length	F.S.D.; with external multiplier; supplied with resistance multiplier	
1	length 300V., 2.1/4 in. scale	F.S.D.; with external multiplier; supplied with resistance multiplier	
4/6625-99-943-6887	length 300V., 2.1/4 in. scale length	resistance multiplier	
24/6625-99-943-6887	length 300V., 2.1/4 in. scale length 500V., 2 in. scale length	F.S.D.; with external multiplier; supplied with resistance multiplier F.S.D.; round flange	
4/6625-99-94 3-68 87 4/ZD 04099	length 300V. , 2.1/4 in. scale length 500V. , 2 in. scale	resistance multiplier	
4/6625-99-94 3-68 87 4/ZD 04099	length 300V., 2.1/4 in. scale length 500V., 2 in. scale length 4 in. dia. 300V. Panel type	resistance multiplier	
24/6625-99-943-6887 24/ZD 04099 24/ZD 04834	length 300V., 2.1/4 in. scale length 500V., 2 in. scale length 4 in. dia. 300V.	resistance multiplier F.S.D.; round flange	
24/6625-99-943-6887 24/ZD 04099 24/ZD 04834 24/6625-99-100-4903	length 300V., 2.1/4 in. scale length 500V., 2 in. scale length 4 in. dia. 300V. Panel type 2.1/2 in. dia. body 0 to 50V. 3.1/2 in. dia. body	resistance multiplier F.S.D.; round flange 400 c/s	
4/6625-99-943-6887 4/ZD 04099 4/ZD 04834 4/6625-99-100-4903 4/6625-99-100-4971	length 300V., 2.1/4 in. scale length 500V., 2 in. scale length 4 in. dia. 300V. Panel type 2.1/2 in. dia. body 0 to 50V. 3.1/2 in. dia. body 0 to 250V. 3.6 in. dia. body	resistance multiplier F.S.D.; round flange	
Z4/6625-99-943-6887 Z4/ZD 04099 Z4/ZD 04834 Z4/6625-99-100-4903 Z4/6625-99-100-4971	length 300V., 2.1/4 in. scale length 500V., 2 in. scale length 4 in. dia. 300V. Panel type 2.1/2 in. dia. body 0 to 50V. 3.1/2 in. dia. body 0 to 250V.	resistance multiplier F.S.D.; round flange 400 c/s	
Z4/6625-99-100-0367 Z4/6625-99-943-6887 Z4/ZD 04099 Z4/ZD 04834 Z4/6625-99-100-4903 Z4/6625-99-100-4971 Z4/6625-99-100-4938	length 300V., 2.1/4 in. scale length 500V., 2 in. scale length 4 in. dia. 300V. Panel type 2.1/2 in. dia. body 0 to 50V. 3.1/2 in. dia. body 0 to 250V. 3.6 in. dia. body	resistance multiplier F.S.D.; round flange 400 c/s 50 and 400 c/s	
24/6625-99-943-6887 24/ZD 04099 24/ZD 04834 24/6625-99-100-4903 24/6625-99-100-4971	length 300V., 2.1/4 in. scale length 500V., 2 in. scale length 4 in. dia. 300V. Panel type 2.1/2 in. dia. body 0 to 50V. 3.1/2 in. dia. body 0 to 250V. 3.6 in. dia. body	resistance multiplier F.S.D.; round flange 400 c/s 50 and 400 c/s	

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Z4/6625-99-943-6322 Z4/6625-99-900-2182	<pre>VOLIMETER, MOVING IRON - continued Projecting 2.625 in. dia. 500V. A.C., 2.4 in. scale length Round flange mounting 2.1/2 in. barrel dia. 0-300V., A.C. 4 in. scale VOLIMETER, PORTABLE</pre>	45 to 65 c/s.; for Fe and N/Fe panels	
Z4/6625-99-100-3959 Z4/ZD 03688	A.C./D.C. O to 1V. O-15, O-3CV. RMS, Thermo - couple, No. 1	With carrying case and strap Two range, 10 mA., F.S.D., 5 in. long scale.	n (A Yung) - Kanalanan
Z4/ZD 03687	Equipment	Mirror backed knife edged pointer Comprises one off ZD 03688 Voltmeter, Portable, A.C./D.C., 0-15, 0-30V., R.M.S., thermo-couple, No. 1 in a specially designed wooden carrying case	14777
Z4/ZD 04618	300V., precision grade; No. 1, Mk. 2	6 in. scale moving coil; single scale in 150 divisions, figured 0-15; knife edge pointer; fitted in hardwood case with removable hinged lid, carrying handle and rubber feet	
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Z4/ZD 00231	Electrodynamic 5 range, 750V., precision, No. 1	Manufactured to B.S. 89 precision grade standards where applicable	
Z4/6625-99-077-1205 Z4/6625-99-077-1206	VOLTMETER RECTIFIER TYPE Panel type, 3.1/2 in. dia. 0-200V. 0-300V.		
Z4/6625-99-106-5334	VOLTMETER SET, ELECTRONIC	Comprising:- 1 voltmeter, 2 plug assemblies, 1 cable	
Z4/6625-99-106-1231	VOLTMETER SET, ELECTRONIC Hewlett-Packard type 419A	assembly, 1 test lead, 1 test probe C/w mains lead. A solid state D.C. null meter with rechargeable batteries; the meter may be operated during recharge from 115V or 230V. A.C.: a separate	
Z4/6625-99-106-1341 Z4/6625-99-104-5367	Marconi type TF2600/S Phillips type GM6020	mains lead is supplied with the instrument With accessories With mains and test leads	
Z4/6625-99- 949-0472	VOLTMETER, VALVE No. 3, C.T. 208	Self-contained, sealed, portable, multi-range, for measuring R.F., A.C., or D.C. Voltages.	12497
Z4/6625-99-949-0470	Equipment	Supplied in Case, die-cast, sealed	10.47
Z4/XQ 1008	WATT HOUR METER Portable precision grade Three phase 415/240V., 50 c/s., equipment	10,25,50,100,300,600/5A. ranges, Met. Vic. type TNE or equal	12497
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Cat. No. Item name or designation WATTMETER Absorption, A.F. X4/6625-99-949-0552 X4/6625-99-949-0510 Equipment	Item description or detail Code No.
Absorption, A.F. Z4/6625-99-949-0552 No. 1, CT 44	
Z4/6625-99-952-0171 IF 1020A/5M1 up to 250 Mc/ With fan-blower Z4/6625-99-949-0468 No. 1, equipment S band for mease Z4/AP 53136 No. 1, equipment For measuring F Z4/6625-99-949-2057 0-500V. For measuring F	13592 Ig wattmeter for use at all frequencies /s. Portable and self contained. suring R.F. power R.F. power powers up to 2,500W., 0-150 c/s. io 2 amps; precision grade
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	with thermistor mounts types 478 A wlett-Packard Ltd.
Z4/6625-99-105-7652 WATTMETER SET, ABSORPTION Z4/6625-99-102-0605 R.F., CT211 0 to 200 watts; accessories Z4/6625-99-949-3783 CT401 Marconi type, TH	100Kc/s. to 1,000 Mc/s.; c/w F 1205/S 13660
WAVEMETER Z4/AP/W 3219A G 82A Combined Wavemet	ter and signal generator, pulsector, C.W.; uring or generation of frequencies band
signals. Suppl	measurement of frequency of R.F. ied with ancillaries and spares in
Z4/ZD 00389 Mk. 3, equipment Similar to Mk. 2	tipment, No. 63; without batteries 2, but housed in Case, test equipment, bloys crystal rectifier in place of diode
Z4/WD 3935 No. 5 Mk. 1, equipment transmission w	'avemeter for C.W. signals or a pavemeter for pulseā signals in d. Supplied in Case, test equipment,
	xcept for frequency range

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	WAVEMETER - continued		
Z4/WD 4045	No. 8 Mk. 1, equipment	Absorption;for measuring frequency of C.W. signals .or a transmission for pulsed signals	
Z4/ZD 02112	Mk. 2, equipment	As for Mk. 1, except fitted with resonators, cavity, S.H.F., No. 2, Mk. 2	
Z4/ZD 04187	5.H.F., 4,550 to 4,855 Mc/s.	Operates on the absorption principle: suitable for use in all climates	13622
	Standard No. 2		
Z4/WD 3431	Mk. 1, equipment	Crystal controlled source of standard frequency oscillations and for accurate measurement of unknown frequencies. Supplied with ancillaries and spares, in Case, test equipment, No. 62	10602
Z4/ZD 00294	Mk. 1/1, equipment	As for Mk. 1 but with improved crystal	
Z4/6625-99-105-9911	WOBBULATOR, SET	Samwell and Hutton type 78M.	
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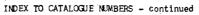
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