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Vocabulary
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Vocabulary of Army Ordnance Stores

SECTION Z 8

RADIAC EQUIPMENT

1965

(Supersedes Code No. 13205)

By Command of the Defence Council.

A handwritten signature in black ink, appearing to read 'Henry [unclear] [unclear]'. The signature is written in a cursive style.

MINISTRY OF DEFENCE

MAY, 1965

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VOCABULARY OF ARMY ORDNANCE STORES

SECTION ZB

FOREWORD

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ABBREVIATIONS

Co.	Cobalt
c/s	Cycles per second
m.	Metre(s)
mc.	Milli curies
mR/hr.	Milli-roentgens per hour
P.V.C.	Polyvinyl chloride
R/hr.	Roentgens per hour
μ A	Micro amperes
μ C	Micro curies

Information for the Scanned Document

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SECTION Z8

Cat. No.	Item name	Item description	I.S.F.L. Code No.
Z8/6665-99-911-0030	BATTERY HOLDER No. 1	Used with Meter, Contamination, No. 1 when power supply is the following:- Battery, Dry, 150 V., No. 1-2 off (Y3/6135-99-910-1165) Dimensions:- Length 6 in. Depth 5 in. Height 5 in.	11483
Z8/6665-99-911-0099	CALIBRATION SOURCE AND JIG Meter contamination No. 1	To provide a simple means of calibrating Meter, Contamination, No. 1 and No. 1 Mk. 2 using a small radio-active source. The radio-active source is 100 μ C of Radium. The jig itself acts as a shield and hinges open. Dimensions:- Length 2.3/4 in. Depth 4.1/2 in. Height 2.7/8 in. Weight:- 1 lb.	

Z8/6665-99-911-0098	Meter survey Radiac No. 2	To enable the Meter, Survey, Radiac, No. 2 to be calibrated accurately at one point on the 0-3R/hr range. The jig consists of two hemispherical iron castings, one being the source container and the other the protective cover plate with source decay graph. The radio-active source is Co ⁶⁰ . Source strength - 5 mc. Dimensions:- Diameter of casting 5.3/4 in. Width over handle 6 in. Height over handle 8 in. Weight:- 30 lb.
Z8/6665-99-911-0004	CHARGING UNIT No. 1, Dosimeter Quartz Fibre	A small, portable, hand operated unit designed for charging dosimeters which are not hermetically sealed, to zero. The Charging Unit contains a telephone hand operated AC generator, the output of which is rectified to charge a capacitor to some 300 volts. This charge is applied via a switch through a 10 megohm resistor to the dosimeter Dimensions:- Length 7 in. Depth 4.1/2 in. Height 4.1/2 in. Weight:- 5 lb.

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Cat. No.	Item name	Item description	I.S.P.L. Code No.
Z8/6665-99-911-0120	CHARGING UNIT - continued No. 2, Dosimeter Quartz Fibre	A small portable, hand operated unit designed for charging all quartz-fibre dosimeters to zero. Similar in operation to Charging Unit No. 1, Dosimeter, Quartz Fibre of which it is an improved version Dimensions:- Length 7.1/2 in. Depth 4.1/2 in. Height 4.1/2 in. Weight:- 5 lb.	
Z8/6665-99-911-0189	Equipment	Comprises:- Charging Unit No. 2 Dosimeter Quartz 1 off Fibre Z8/6665-99-911-0120 Sling, Shoulder Assembly 1 off Z8/6665-99-911-0190	
Z8/6665-99-911-0389	No. 2 Mk. 2 Dosimeter Quartz fibre	Identical with Charging Unit No. 2 Dosimeter Quartz Fibre but with modifications improving climatic durability	

Z8/6665-99-911-0390	Equipment	Comprises:- Charging Unit No. 2, Mk. 2 Dosimeter 1 off Quartz Fibre Z8/6665-99-911-0389 Sling, Shoulder Assembly 1 off Z8/6665-99-911-0190 Circular scale, 5 in. dia. approx.
Z8/6665-99-949-1647	COMPUTER, NUCLEAR WEAPON EFFECT	
Z8/6665-99-911-0020	CONTAINER, RADIOACTIVE SOURCE Type "A", No. 1	General description:- For the storage and transit of radio-active sources. Cylindrical in shape and having hinged lids and carrying handles and internally constructed to house the source and handling rods in a central tube. Finished in light orange paint and with suitable warning notices. Hinged lid contains details of source and serial number Contains radio-active source type "A". Consisting of 0.5 mc. of Radium. No additional shielding is necessary. Dimensions:- Length 10.3/4 in. Diameter 6.5/8 in. Weight:- 10 lb.

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Cat. No.	Item name	Item description	I.S.P.L. Code No.
Z8/6665-99-911-0021	CONTAINER, RADIOACTIVE SOURCE - continued Type "B", No. 1	Contains radio-active source comprising 5 button sources type "B" each of 0.1 mc. of Co ⁶⁰ . Housed in a removable inner container type carrying rod. No additional shielding is necessary. Dimensions:- Length 10.3/4 in. Diameter 6.5/8 in.	
Z8/6665-99-911-0022	Type "C", No. 1	Weight:- 10 lb. Contains radio-active source type "C". Consisting of 1 mc. of Co ⁶⁰ , attached to carrying rod. Additional 1 in. thick lead shielding surrounds the lower portion of the centre tube Dimensions:- Length 10.3/4 in. Diameter 6.5/8 in. Weight:- 10 lb.	
Z8/6665-99-911-0023	Type "D", No. 1	Contains radio-active source type "D". Consisting of 5 mc. of Co ⁶⁰ . Additional 1.1/2 in. thick lead shielding surrounds the lower portion of the central tube. The handling rod, in two parts, is stowed internally Dimensions:- Length 10.3/4 in. Diameter 6.5/8 in.	
Z8/6665-99-911-0024	Type "E", No. 1	Weight:- 20 lb. Contains radio-active source type "E". Consisting of 25 mc. of Co ⁶⁰ . Additional 2.1/2 in. thick lead shielding surrounds the source. The handling rod, in two parts, is stowed internally Dimensions:- Length 12.1/8 in. Diameter 8.21/32 in.	
Z8/6665-99-911-0026	Type "F", No. 1	Weight:- 65 lb. Contains radio-active source type "F". Consisting of 25 mc. of Co ⁶⁰ . Calibrated to an accuracy of ± 5 per cent and having a decay graph showing source strength with time affixed to the inside of the lid. Additional 2.1/2 in. thick lead shielding surrounds the source. The handling rod, in two parts, is stowed internally	

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Cat. No.	Item name	Item description	I.S.P.L. Code No.
Z8/6665-99-911-0042	CONTAINER RADIOACTIVE SOURCE Type "F", No. 1 - continued Type "G", No. 1 DOSIMETER, QUARTZ FIBRE	(continued detail of Cat. No. Z8/6665-99-911-0026) Dimensions:- Length 12.1/8 in. Diameter 8.21/32 in. Weight:- 65 lb. Similar to type "D" No. 1 except that a decay graph showing source strength with time is affixed to the inside of the lid. The source is calibrated to an accuracy of ± 5 per cent Generals:- Simple, easily reset, direct reading instruments to be carried in the pocket and which measure the total dose of gamma radiation received by the wearer Housed in a light alloy tube the size of a fountain pen and consisting of an ionisation chamber into which is sealed a gilded fibre acting as an electroscopes. The position of the fibre is observed against a scale calibrated in	

Z8/6665-99-911-0001 Z8/6665-99-911-0272 Z8/6665-99-911-0286	No. 1 No. 1, A No. 1, Mk. 2	roentgens and as the electroscopes is discharged by ions formed by the passage of radiation, the fibre moves and the dose received is read off the scale The following items, though dissimilar in range, are functionally and physically similar and have identical overall dimensions and weight Dimensions:- Length 5.0 in. approx. Diameter 0.60 in. approx. Weight:- 1 oz. Range:- 0-0.5 roentgens Identifications:- Black or no-colour band Use:- Training and health monitoring of personnel handling radio-active sources and materials in peace
Z8/6665-99-911-0002 Z8/6665-99-911-0101	No. 2 No. 2, A	Range:- 0-5 roentgens Identifications:- Blue-band Use:- Health monitoring of personnel handling radio-active sources in war and peace time weapon trials

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Cat. No.	Item name	Item description	I.S.P.L. Code No.
	DOSIMETER, QUARTZ FIBRE - continued		
Z8/6665-99-911-0003	No. 3)	Range:- 0-50 roentgens Identification:- Red-band Use:- Support dosimeter's for measuring residual radiation in operations, they are now obsolescent and being replaced by No. 4	
Z8/6665-99-911-0393	No. 3, Mk. 2)		
Z8/6665-99-911-0191	No. 4)	Range:- 0-150 roentgens Identification:- Violet-band Use:- Support dosimeter for use in operations	
Z8/6665-99-911-0269	No. 4, A)		
Z8/6665-99-911-0410	No. 4, Mk. 3)		
Z8/6665-99-911-0228	No. 5	Range:- 0-500 roentgens Identification:- Jasmine yellow-band Use:- Tactical dosimeter for use in operations	
Z8/6665-99-949-1376	No. 5, Mk. 2	As No. 5, but with brass case	

METER, CONTAMINATION

Z8/6665-99-911-0012

No. 1

General:-

An instrument used to detect and measure gamma contamination of personnel, food, clothing and other objects. It has a single logarithmic scale reading from 0-10 mR/hr. With a special Geiger-Muller tube fitted, the instruments may be used for sampling the beta radiation of liquids

Comprises:-

- Probe Unit, Beta Gamma, No. 1 Assembly 1 off
Z8/6665-99-911-0033
- Connector Assembly, No. 1 1 off
Z1/5995-99-940-0036
- Haversack, Assembly, Special No. 1 1 off
Z8/6665-99-911-0035
- Indicating Unit, No. 1 1 off
Z8/6665-99-911-0034
- Valve, electronic, CV 2246 or 2247 1 off
- Screwdriver, Special, 1.1/2 in. x 7/32 in. 1 off
Z1/5120-99-911-0226
- Plate, instruction wkg., No. 1 and No. 1, Mk. 2 1 off

Dimensions, stowed in haversack:-

- Length 10 in.
- Depth 7 in.
- Height 11 in.

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Cat. No.	Item name	Item description	I.S.P.L. Code No.
Z8/6665-99-911-0250	No. 1, Equipment	<p>(Continued detail of Cat. No. Z8/6665-99-911-0012)</p> <p>Weight:- 16 lb. complete with haversack and power unit Range:- 0.1-10 mR/hr. Power supplies:- Not supplied with 1 off Instrument Battery Holder, No. 1 Z8/6665-99-911-0030 or Power Unit, Vibrator 1 off Z8/6665-99-911-0029 or Power Unit, Mains, No. 1 1 off Z8/6665-99-911-0028</p> <p>As above, but having the following additional items:- Valve, electronic, CV 2886 1 off Battery Holder, No. 1 1 off Z8/6665-99-911-0030 Headset, Electrical. ITE, No. 1B 1 off Y1/5965-99-940-0046 Desiccator, Silica Gel, 2.1/4 in. x 5/8 in. 1 off Z1/6685-99-942-0788</p>	

Z8/6665-99-911-0107	No. 1, Mk. 2	<p>Gaskets, Round, Asbestos, 3/8 in. I.D. x 9/16 in. O.D. x 1/32 in. 1 off Z1/6685-99-942-1203 Ring, Sealing, Rubber, Circular Section, 3/4 in. I.D. x 7/8 in. O.D. x 3/32 in. 1 off Z1/5330-99-910-5045</p> <p>Functionally similar to the No. 1 and almost identical physically; the Mk. 2 version has moulded rubber plugs and sockets and a moulded rubber connector</p> <p>Comprises:- Probe Unit, Beta-Gamma, No. 1 assembly, Mk. 2 1 off Z8/6665-99-911-0110 Indicating Unit, No. 2, Mk. 2 1 off Z8/6665-99-911-0108 Haversack Assemblies, Special, No.1, Mk. 2 1 off Z8/6665-99-911-0127 Connector Assembly, No. 1, Mk. 2 1 off Z8/6665-99-911-0109 Valve, electronic, CV 2246 or 2247 1 off Screwdriver, special, 1.1/2 in. x 7/32 in. 1 off Z1/5120-99-911-0226 Plate, Instruction wkg., No. 1 and No. 1, Mk. 2 1 off Z8/6665-99-911-0225</p> <p>Physical data:- As for the No. 1</p>	11483
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Cat. No.	Item name	Item description	I.S.P.L. Code No.
Z8/6665-99-911-0251	METER, CONTAMINATION - continued No. 1, Mk. 2, Equipment	As for No. 1, Mk. 2 but having the following additional items:- Battery Holder, No. 1 Z8/6665-99-911-0030 Valve, electronic, CV 2886 Headset, electrical, ITE, No. 1B Y1/5065-99-940-0046 Desiccator, Silica Gel, 2.1/4 in. x 5/8 in. Z1/6685-99-942-0788 Gaskets, Round, Asbestos, 3/8 in. I.D. x 9/16 in. O.D. x 1/32 in. Z1/6685-99-942-1263 Ring, Sealing, Rubber, Circular Section, 3/4 in. I.D. x 7/8 in. O.D. 3/32 in. Z1/5330-99-910-5045	
	METER, DOSE RATE, PORTABLE TRAINER	Used for training personnel in the surveying of suspected radio-active contaminated areas. It is operated by dry batteries and it may be used for training purposes, with radio-active sources of small strength	

Z8/6665-99-911-0010	No. 1	Range:- 0-300 micro-roentgens per hour Power supply:- Battery, dry, 1.5 V., No. 1 1 off Y3/6135-99-910-1101 Battery, dry, 30 V., No. 2 4 off Y3/6135-99-910-1164 Dimensions:- Length 11 in. Width 4.1/4 in. Height 7 in.
Z8/6665-99-911-0227	Equipment	Weight:- Inclusive of batteries and haversack 12 lb. As for above but having the following additional items:- Haversack Assembly, Special, No. 4 1 off Z8/6665-99-911-0059 Screwdriver, Special, Right Angle. 1 off Z8/6665-99-911-0257
Z8/6665-99-911-0008	METER, SURVEY RADIAC No. 2	A portable, battery operated instrument used for surveying the extent of radio-active contamination in a suspected area. The instrument employs a built-in ionisation chamber as the detecting element and can quickly be adapted for the assessment of beta particle activity as well as for the measurement of gamma rays

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Cat. No.	Item name	Item description	I.S.P.L. Code No.
Z8/6665-99-911-0130	METER, SURVEY RADIAC No. 2 - continued Equipment	(Continued detail of Cat. No. Z8/6665-99-911-0008) Range:- 0-300 mR/hr. in 3 ranges Power supply:- Battery, dry, 30 V. Y3/6135-99-910-1163 1 off Battery, dry, 9V. Y3/6135-99-910-1162 1 off Battery, dry, 1.5 V. Y3/6135-99-910-1101 2 off Dimensions:- Length 9.1/4 in. Width 3.3/4 in. Height 5.3/4 in. Weight:- 9 lb. including batteries and haversack As for the Meter, survey, radiac, No. 2 but having the following additional items:- Haversack assembly, special, No. 6 1 off Z8/6665-99-911-0119 Screwdriver, special. Z1/5120-99-911-0226 1 off Plate, instruction, meter, survey, radiac, 1 off No. 2 Z8/6665-99-911-0224	

Z8/6665-99-911-0123	No. 3	A portable, self contained, direct reading instrument for measuring gamma radiation intensities The instrument, battery operated, embodies a built in ionisation chamber and has three manually switched ranges. An internal source, normally shielded, is provided for calibrating the instrument <table data-bbox="734 1120 1308 1232"> <thead> <tr> <th>Ranges</th> <th>Dimensions</th> </tr> </thead> <tbody> <tr> <td>0-0.03 R/hr. length</td> <td>5.1/2 in.</td> </tr> <tr> <td>0-0.3 R/hr. depth</td> <td>9.1/2 in.</td> </tr> <tr> <td>0-3.0 R/hr. height over handle</td> <td>8.3/4 in.</td> </tr> </tbody> </table> Weight:- Including batteries 7 lb. Power requirements:- Battery, dry, 1.35 V., No. 1 Y3/6135-99-910-1172 Battery, dry, 15 V., No. 1 Y3/6135-99-910-1168 Battery, dry, 30 V., No. 1 Y3/6135-99-910-1163 Battery, dry, 30 V., No. 2 Y3/6135-99-910-1164 As for Meter, survey, radiac, No. 3 but having Case, stowage for Meter, survey, radiac, Nos. 3 and 4. Z8/6665-99-911-0125	Ranges	Dimensions	0-0.03 R/hr. length	5.1/2 in.	0-0.3 R/hr. depth	9.1/2 in.	0-3.0 R/hr. height over handle	8.3/4 in.	
Ranges	Dimensions										
0-0.03 R/hr. length	5.1/2 in.										
0-0.3 R/hr. depth	9.1/2 in.										
0-3.0 R/hr. height over handle	8.3/4 in.										
Z8/6665-99-911-0150	Equipment										
Z8/6665-99-911-0124	No. 4 E.K. Cole, type N 555	A portable self-contained, direct reading instrument for measuring the intensity of beta and gamma radiation in the milliroentgen per hour range. Battery operated An ionisation chamber is used to detect the presence of radio activity The instrument which can be readily calibrated by means of an internal ion source, is sealed, and fitted with a dessicator; separate access is provided to the battery compartment									

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Cat. No.	Item name	Item description	I.S.P.L. Code No.
Z8/6665-99-911-0151	METER, SURVEY RADIAC No. 4 E.K. Cole, type N 555 - continued Equipment	(Continued detail of Cat. No. Z8/6665-99-911-0124) Ranges:- 0 to 15 mR/hr.; 0 to 150 mR/hr.; 0 to 1,500 mR/hr. Dimensions:- Length 9.1/2 in. Depth 5.1/2 in. Height over 8.3/4 in. handle Weight:- 7 lb. Power requirements:- Battery, dry, 1.35 V., No. 1 (6135-99-910-1172) Battery, dry, 15 V., No. 1 (6135-99-910-1168) Battery, dry, 30 V., No. 1 (6135-99-910-1163) Battery, dry, 30 V., No. 2 (6135-99-910-1164) As for Meter, survey, radiac, No. 4, with the addition of Z8/6665-99-911-0125 Case, stowage, for Meters, survey, radiac, Nos. 3 and 4	
Z8/6665-99-911-0258	MONITOR, RADIO ACTIVITY No. 1	A portable, partially sealed mains operated equipment for monitoring alpha, beta and gamma radiations. Visual and aural indication is provided; the meter and register are scaled in counts per second	

Comprises:-

Monitor, Alpha, Beta, Gamma Z8/6665-99-911-0259	1 off
Probe Unit, Beta, Gamma, No. 2 Z8/6665-99-911-0260	1 off
Probe Unit, Alpha, No. 1 Z8/6665-99-911-0261	1 off
Connector Assembly, Special, No. 2 Z8/6665-99-911-0262	1 off
Connector, 3 point, No. 102, 9 ft. Z8/6665-99-911-0263	1 off

Power supply:-
A.C. mains 50 c/s., 100-125 or 200-250 V.

Range:-
G.P.O. Mechanical Register 0-1 Count/Sec.
 Meter) 1-10 count/sec
 3 Switch) 10-100 count/sec
 Settings) 100-1000 count/sec

Dimensions:-
 Height 16 in.
 Width 16.1/2 in.
 Depth 14 in.

Weight:- 66 lb.

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Cat. No.	Item name	Item description	I.S.P.L. Code No.
Z8/6665-99-911-0028	POWER UNIT Mains No. 1	Used to operate Meter, Contamination, No. 1 and No. 1 Mk. 2 from A.C. mains Operates from nominal mains voltages of 110 to 120 volts or 200 to 250 volts, 40 to 60 cycles and gives a D.C. output of 300 volts to 200 μ A Dimensions:- Length 6 in. Depth 5 in. Height 5 in. Weight:- 3 lb.	11483
Z8/6665-99-911-0029	Vibrator No. 1	Used as an alternative power supply for the Meter, Contamination, No. 1 and No. 1 Mk. 2. It may be fitted into the Indicating Unit in place of Battery Holder, No. 1 Power supply:- Battery, dry, 1.35 V, No. 1 4 off Y3/6135-99-910-1101 Dimensions:- Length 6 in. Depth 5 in. Height 5 in. Weight:- 2.1/2 lb.	11483

Z8/6665-99-911-0060	RADIAC CALCULATOR No. 1	Used to indicate for a nuclear explosion, provided the dose rate at a given time after burst is known and standard decay laws can be assumed (a) The dose rate any time at a specific location (b) The accumulated dose between any two times at the same location (c) The time an individual can remain in a given intensity of radiation before receiving a stated dose Constructed of rigid P.V.C. material the calculator comprises three rotatable discs. The two upper discs are reversible, one face of each being graduated for use on land, the other for use at sea Dimensions:- Diameter 5 in. Thickness 1/32 in. Weight:- 1/4 oz.	
Z8/6665-99-911-0117	With case	As above, but having a carrying case	
Z8/6665-99-104-5669 Z8/6665-99-104-5670	RADIAC SET Type 1320X No. 1, Mk. 2, equipment No. 2, Mk. 2, equipment		
Z8/6940-21-103-1800	SIMULATOR, RADIAC METER	Type SM-5004/TDQ-T501	
Z8/6940-21-103-1799	SIMULATOR, RADIAC SIGNAL	Type SM-5003/TDQ-T501	

SECTION Z8

Cat. No.	Item name	Item description	I.S.P.L. Code No.
Z8/6665-99-911-0015	SOURCE, RADIO-ACTIVE Type "A", No. 1	General:- Used in the calibration of radiac instruments and for training purposes Source, radio active, Type "A", No. 1 is a radium source contained in a capsule secured to a handling rod six inches long and identified by a band of white paint. It is not used by the army for training purposes	
Z8/6665-99-911-0016	Type "B", No. 1	Source strength :- 0.5 mC. 5 sources are contained in a circular tray 7/8 in. in diameter mounted in a tubular source holder secured to a handling rod 5.1/2 in. in length. The source is of Co ⁶⁰	
Z8/6665-99-911-0017	Type "C", No. 1	Source strength:- 0.1 mC. Use:- To simulate contamination on clothing and equipment Contained in a hexagonal capsule, 1 in. long, secured to a handling rod of 6 in. length. The source is of Co ⁶⁰ . Identification - Blue band on handling rod Source strength:- 1.0 mC. Use:- To train personnel in the use of radiac instruments	

Z8/6665-99-911-0018	Type "D", No. 1	Contained in a hexagonal capsule, 1 in. long, secured to a handling rod of 6 in. length extendable to 12 in. The source is Co ⁶⁰ . Source strength:- 5 mC. Identification - Golden brown on handling rod Use:- To train personnel in the use of radiac instruments in out-door exercises	
Z8/6665-99-911-0019	Type "E", No. 1	Contained in a hexagonal capsule 1 in. long, locked to a capsule tube which may be fitted with an extension handle 17 in. long overall. The source is Co ⁶⁰ . Identification - black band on handling rod Source strength:- 25 mC. Use:- To train personnel in the use of radiac instruments in large scale exercises	
Z8/6665-99-911-0025	Type "F", No. 1	Similar to Source "E", No. 1 but calibrated to an accuracy of ± 5 per cent. Identification - Green band on handling rod	
Z8/6665-99-911-0041	Type "G", No. 1	Use:- Calibration of radiac instruments Contained in a hexagonal capsule 1 in. long, locked to a capsule rod which may be further extended to 12 in. long overall. The source is Co ⁶⁰ calibrated to an accuracy of ± 5 per cent Source strength:- 5 mC. Identification - Golden yellow on handling rod Use:- Calibration of radiac instruments	

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Cat. No.	Item name	Item description	I.S.P.L. Code No.
Z8/6665-99-911-0112	TEST SET, CURRENT SENSITIVITY No. 2	Used to provide an alternative method to the use of radio-active sources for the calibration of Meter, Survey, Radiac, No. 2 Ranges:- 0-3 R/hr. 0-30 R/hr. 0-300 R/hr. Power supply:- Battery dry, 9 V., No. 1 2 off Y3/6135-99-910-1162 Dimensions:- Length 7.7/8 in. Depth 5.1/4 in. Height 9 in. Weight:- 8 lb.	

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Z8/6665-99-911-0015	24	Z8/6665-99-911-0123	19	Z8/6665-99-949-1376	12
Z8/6665-99-911-0016	24	Z8/6665-99-911-0124	19		
Z8/6665-99-911-0017	24	Z8/6665-99-911-0130	18		
Z8/6665-99-911-0018	25	Z8/6665-99-911-0150	19		
Z8/6665-99-911-0019	25	Z8/6665-99-911-0151	20	Z8/6665-99-949-1647	7
Z8/6665-99-911-0020	7	Z8/6665-99-911-0189	6		
Z8/6665-99-911-0021	8	Z8/6665-99-911-0191	12		
Z8/6665-99-911-0022	8				
Z8/6665-99-911-0023	9				
Z8/6665-99-911-0024	9	Z8/6665-99-911-0227	17	Z8/6940-21-103-1799	23
Z8/6665-99-911-0025	25	Z8/6665-99-911-0228	12	Z8/6940-21-103-1800	23

RESTRICTED.