

(b) HALOGEN QUENCHED

Description	Maker	Type No.	Active Length mm.	Cathode Diameter mm.
TUBULAR γ COUNTERS				
Small low-voltage tube for use in higher field intensities	C	G4H	40	12
General-purpose tube with waterproof neoprene cover	A	5GH	—	30
	C	G5H	50	22
	B	MX115	38	21
For monitoring purposes and geological survey	C	G10H	118	24
As G10H with rubber shielded base	A	12GH	—	—
	C	G10HE	118	24
	B	MX120	140	22
As G10HE with flexible leads	C	G10HF	118	24
All-metal gamma counter	B	MX112	290	18
For geological survey and general monitoring	C	G24H	210	22
Geological survey and cosmic ray research	C	G60H	630	34
Small "high current" counter for use in γ fields to 50 R/hr.	C	HC2	20	9
"High current" counter for γ fields to 25 R/hr.	C	HC4	40	9
	B	MX119	70	10.5
TUBULAR THIN-WALLED β COUNTERS				
25-30 mgm./cm. ² wall for dipping	C	B6H	60	16
Geological survey tube for portable instrument	C	B7H	75	14
25-35 mgm./cm. ² wall with long window in cathode	C	B10Hb	100	17
25-35 mgm./cm. ² wall for dipping	C	B12H	120	16
General-purpose laboratory β monitor (25-35 mgm./cm. ² wall)	C	B15H	150	14
Small "high current" counter for β fields to 250 R/hr.	C	BHC1	10	5
Small liquid counter with sampling jacket (3-5 ml.)	C	M2H	20	12
Counter surrounded by open test-tube 9 ml. capacity	C	M6H	60	16
	B	MX124	60	16

For key to makers see p. 42.

G-M TUBES

Electrode Termination	Cathode Material	Gas Filling	Background c/min.	Recovery Time μ sec.	V_w (Approx.)
4 pin Hivac	Cr-Fe	c	—	< 300	370
Spec. 2 pin	Cr-Fe	c	20-45	< 300	370
Spec. 2 pin	Cr-Fe	c	20 S	< 300	375
Spec. 2 pin	Cr-Fe	c	20-45	100 d-t	410
B4	Cr-Fe	c	35 S	< 300	380
—	—	—	—	—	—
Solder tags	Cr-Fe	c	35 S	< 300	380
Solder tags	Cr-Fe	c	55-90	110 d-t	410
Flex wires	Cr-Fe	c	35 S	< 300	380
Terminal	Cr-Fe	c	90-160	140 d-t	410
Flex wires	Cr-Fe	c	—	< 300	375
End cap	Cr-Fe	c	700 U	< 300	375
Flex wires	Cr-Fe	—	—	—	500
Flex wires	Cr-Fe	—	—	—	500
Stiff wires	Cr-Fe	—	—	35 d-t	575
1-0	Cr-Fe	c	12-18 S	< 300	375
Flex wires	Cr-Fe	c	—	< 300	400
Flex wires	Cr-Fe	c	—	< 300	375
1-0	Cr-Fe	c	25-35 S	< 300	375
Flex wires	Cr-Fe	c	—	< 300	375
Wire end	Cr-Fe	—	—	—	390
Spec. 2 pin	Cr-Fe	c	—	—	375
Stiff wire	Cr-Fe	c	18 S	< 300	375
Stiff wires	Cr-Fe	c	20	100 d-t	400

For key to symbols for gas filling and background see pp. 38 and 39.