### Mullard halogen quenched Geiger-Müller tube guide / Mullard Ltd.

#### **Contributors**

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Mullard
halogen
quenched

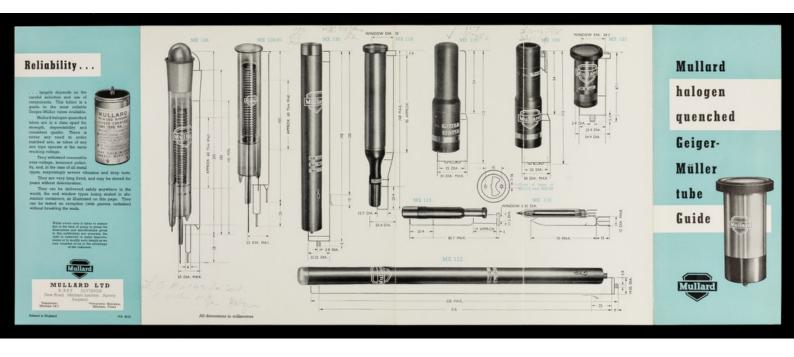
Geiger-Müller tube

Guide





			GAMMA		BEYA IND WINDOW	ALPHA BETA	DID WINDOW	X-RAY ENG	WNDOW	HIGH CURRENT	LIQUE	SASSPLE	
Millard halogue, queschool piegope Miller haloe have been integrated by give years of satisfact and the satisfact of the sati		MX112	MXIII	MX130	MX108	MX113	MX123	MXIII	MX122	MX119**	MXIII	MX124.01	
	Threshold voltage (max)	370V.	3707	3207.	370V.	575V.	600V.	1,100%	9407.	4007.	600V.	400%	
	Flatman Sength (min.)	1007.	100V.	90V.	100V.	1907.	190V.	200V.	200V.	300V.	1007.	1007	
		7%/100V.	8%/100V	3%, 100V.	T%/100V.	6%:100V	7%,100V	5%/100V	5%,000V.	7%/100V.	6%/100V.	6% 100V.	
		-85°C to	-65° C. to	-55° C. to	-68° C. to	-85° C. to	-55° C. to 75° C.	-80° C to	10° C. 10	-40° C. to 75° C.	-681 C to	-65° C. to 78° C.	
		140 µ sec.	100 pr sec.	110 p. sec.	150 p sec.	60 pt sec.	85 µ sec.	150 p. sec.	350 µ sec.	35 p. sec.	100 pt sec.	100 pt sec.	
		90c,min.	20c.min.	Mc/min.	21c.min.	Sc.hnin.	10c.min	SOc. train	50c/min		20c /min.	20c. min.	
		160c min.	45c,min.	Nic.min.	45c/min.								
					3.5-4.0 mg.3m.*	1.6 to 2.1 mg./ms.*	1.5 to 2.5 mg /cm.*	35 to 4.5 mg.lm.*	3.5 to 4.5 mg./cm.*				
					222 mm.*	31.7 mm.*	455 mm.*	314 mm.*	304 mm.*				
		450 mg /cm.*	305 mg./cm.*	535 mg./om.*						400 mg (cm.*	25 mg/cm.* approx.	25 mg.cm* approx.	
		290 mm.	38 mm.	140 mm.						40 mm.	60 mm. approx.	60 mm. approx	
		2014	10**	10**	10**	10**	10**	30**	10**	1,500 hours at 50 a.S.	304	1014	
		Anode turret	Special	Anode turner	Special	Jacobs cap	Anode turnet	Anode Cap	Anode Cap	Tinned leads	For use in mercury pools	For use is mercury pools	
and Eurypsine Bland subsets for secretary and the secretary and secretary and secretary and led with neces, argue and secretary and secretary and secretary and secretary or secretary and secretary or secretary sec	Namerics  *Dissided by 50 mm of lead plus 6-0 mm, alumnium.	Number of the intervent of the control of the contr	a noopeus shash, widely used in port- able gamena monitors. The special two-pis hase and socket provide a sessenght usion with the outer sheet. The tabe may therefore be implumed scanning on the equipment. The special socket is available eparately if	all metal gamma tube, which owing to its greater length, is three and a half times more sensitive	end window tabe which is inter- champable with tabe 500155 when bets sourcements are required. A mesh window guard is provided under the neoprene sheeth this reduces the window area to 114 mm. 3 but 8 may 1.	end window talls for all applications in which a very thin window of small dia- meter in required. These include in vivo measurements in the medical field, and scanning toch- niques where full advantage of the directional proper	is carefully metu- tived to exception- ally close toler snow in order that it may fit the majority of lead castley and holders. The ultra this mina window and low background make it suitable for	for elements of mass	variation of type MCIS for maximum efficiency in the measurement of X-radiation of wave-lengths between 0.5 and 0.50 Angelroms. In fluorescence analysis it is mutable for elements of mass	sufficiently high current (50 pA in a radiation field of 10 ribour) for the direct indication of radiation intensity by a micro-ammo, her connected in series. It is suitable for the measure-	of ourstanding stability through- out to bie. Its legal sepectry as 9-10 mi, and A ground glass emoper (Soil) is fixed to facilizes the agination or solutions and the measurement of	MX124.00 is similar in all respects to MX124, but is not supplied with a	** Developed in onla- bossion with A.E.R.E. Harrest.

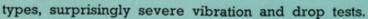


# Reliability . . .

. . . largely depends on the careful selection and use of components. This folder is a guide to the most reliable Geiger-Müller tubes available.

Mullard halogen quenched tubes are in a class apart for strength, dependability and consistent quality. There is never any need to order matched sets, as tubes of any one type operate at the same working voltage.

They withstand reasonable over-voltage, incorrect polariity, and, in the case of all metal



MICA END WINDOW

TUBE TYPE MX

BEFORE OPENING TO

Stew Na

TO OVEN

VERY THIN

They are very long lived, and may be stored for years without deterioration.

They can be delivered safely anywhere in the world, the end window types being sealed in aluminium containers, as illustrated on this page. They can be tested on reception (with gamma radiation) without breaking the seals.

Whilst every care is taken to ensure that at the time of going to press the illustrations and specifications given in this publication are accurate, the right is reserved to make improvements or to modify such details as we may consider to be to the advantage of the customer.



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