

GM Tube M4011 Specification:

technical parameter
 Diameter: $\Phi 10 \pm 0.5 \text{mm}$
 Total length: $90 \pm 2 \text{mm}$
 Starting voltage: $< 350 \text{V}$
 Recommended working voltage: 380V
 Minimum ping length: 80V
 Maximum ping slope: $10\%/80 \text{V}$
 Extreme working voltage: 550V
 Maximum background count rate: 25 times / min
 Lifetime: $> 1 \times 10^9 \text{ pulses}$
 Detection: $X \beta \gamma \text{ ray}$



Geiger Muller tube List(glass)

Model no.	Size		Material	Technical parameter							working		Detecting object
	Outer Dim.	Total length		Recomm endation work voltage	starting voltage maximum	range of pleateau area	Maximum Plateau Slope	Limit working voltage	backgr ound	tempera ture	Life time		
												mm	
J301 $\gamma\beta$	10 ± 0.5	205 ± 3	glass	400	≤ 350	380-480	0.125	600	50	-40~+70	1×10^9	γ and β	
J302 $\gamma\beta$	6.2 ± 0.2	65 ± 3	glass	390	≤ 350	-	-	500	-	-40~55	$> 150 \text{hour}$	γ and β	
J32 $\gamma\beta$	6.5 ± 0.5	34 ± 2	glass	400	≤ 350	380-480	0.125	550	5	-20~50	1×10^9	γ and β	
J304 $\gamma\beta$	10 ± 0.5	90 ± 2	glass	380	≤ 350	360-440	0.125	600	25	-40~55	1×10^9	γ and β	
J305 $\gamma\beta$	10 ± 0.5	107 ± 3	glass	380	≤ 350	360-440	0.125	550	25	-40~55	1×10^9	γ and β	
J306 $\gamma\beta$	18 ± 1	197 ± 3	glass	400	≤ 350	360-440	0.125	600	88	-40~55	1×10^9	γ and β	
J307 $\gamma\beta$	14 ± 1	197 ± 3	glass	400	≤ 350	380-480	0.125	600	80	-40~55	1×10^9	γ and β	
J308 $\gamma\beta$	18 ± 1	143 ± 3	glass	400	≤ 350	380-480	0.125	600	50	-40~55	1×10^9	γ and β	
M4011	10 ± 0.5	90 ± 2	glass	380	≤ 350	360-440	0.125	600	25	-40~55	1×10^9	γ and β	





Model No.	Max Dia.	Effective Dia	Max Length	Effective Length	Material	Initial Voltage	range of plateau area	Mini Plateau Slope	Recommendation on operating voltage	sensitivity of γ (60Co) cps/	sensitivity of γ (60Co) cps/	Die time	background	Working temperature range	life	Detecting
	(mm)	(mm)	(mm)	mm		(V)	(V)	(%/100V)	(V)	mR/h)	μGy/h)	(μs)	cpm	(°C)		
J613γ	9.5	3.5	66	30	glass	350	100	15	420	5	0.5	15	10	-40~+50	1010	γ
J614γ	7.5	3.5	55	30	glass	350	100	15	420	5	0.5	15	10	-40~+50	1010	γ
J401γ	13.5	10	91	50	glass	350	100	15	420	12	1.2	75	10	-40~+50	1010	γ
J622γ	12	5	130	80	glass	350	100	15	420	12	1.2	20	10	-40~+50	109	γ
J403γ	23	18	263	190	glass	350	80	10	420	120	12	150	130	-40~+50	109	γ
J306γ	19	16	200	150	glass	350	80	10	400	80	8	150	80	-40~+50	109	γ
J5101	40	18	180	110	glass	1200	200	5	1400	/	/	150		-20~+50	108	αγ
J142αβ	37	16	65	50	metal	450	100	10	550	/	/			-40~+60	1010	αβγ
J707γ	6	5	18	6.5	metal	330	100	30	400	2.5	0.25	15		-40~+70	1010	γ
J705βγ	6	5	28	10	metal	400	100	15	500	5.5	0.55			-40~+70	1010	βγ
J301βγ	5	2	45	10	metal	350	100	20	400	0.8	0.08			-40~+70	1010	βγ
J302βγ	6	5	68	36	metal	350	100	15	400	1.1	1.1			-40~+70	1010	βγ
J303βγ	4	1.2	35	3	metal	350	100	20	400	0.12	0.012			-40~+70	1010	βγ
J304βγ	11	10	95	55	metal	350	100	15	400	37	3.7			-40~+70	1010	βγ
J305βγ	11	10	112	70	metal	350	100	15	400	44	4.4			-40~+70	1010	βγ
J306βγ	17	16	200	140	metal	350	100	15	400	50	5			-40~+70	1010	βγ
J308βγ	19	18	200	140	metal	350	100	10	400	52	5.2			-40~+70	1010	βγ
J4401	23	23	168	120	metal	400	100	10	500	180	18	160	60	-40~+70	1010	γ
J4402	23	23	218	170	metal	400	100	10	500	100	10	160	80	-40~+70	1010	γ
J4403	23	23	268	220	metal	400	100	10	500	115	11.5	160	100	-40~+70	1010	γ
J4405	20	20	168	120	metal	400	100	10	500	75	7.5			-40~+70	1010	γ
J4406	20	20	218	170	metal	400	100	10	500	95	9.5			-40~+70	1010	γ
J4407	20	20	268	220	metal	400	100	10	500	110	11			-40~+70	1010	γ
J502	23	23	180	110	metal	1200	200	5	1400	/	/			-20~+50	108	αγ
J503	23	23	80	40	metal	420	100	8	500	/	/			-40~+70	1010	αβγ
J505	15	10	52		metal	420	150	10	500	18	1.8	90		-30~+70	1010	αβγ

外形图和接线图



技术参数

1. 起始计数电压 ≤ 350 伏
2. 推荐工作电压 380 伏
3. 最小坪长 80 伏
4. 最大坪斜率 10%/80 伏
5. 最大本底计数率 25 次/分



