

These charts are intended as selection guides only. For complete and precise specifications, consult the data sheet for each model.

### Photomultiplier Tube Base Comparison Chart

Model	High Voltage (V <sub>max</sub> )	Bleeder Current (mA)	PM Output Signals		Control	Compatible with PMT Type	Dimensions
			Anode	Dynode			
265A	-3000	≤2	Neg. timing signal, 0.5 A; max, 50 Ω dc-coupled	Pos linear signal Z <sub>o</sub> ~ 1MΩ; capacitive coupling	Voltage adj for focus and 2nd and 12th dynodes	12-stage PMTs that fit standard 21-pin sockets, including Hamamatsu R329 R1332, and R1333. Burle (formerly (RCA) 8575, 8850 8852, and C31000M.	7.6-cm (3-in.) diam, 20.3-cm (8-in.) length
266	+2500	≤1.67	Negative signals Z <sub>o</sub> ~ 1.1 MΩ; capacitive coupling	Pos signals Z <sub>o</sub> ~ 1.2 MΩ; capacitive coupling	External control for focus voltage	All 10-stage PMTs that fit standard 14-pin socket including: Hamamatsu PM55, R208, R550, R594, R877, R878, R1507, R1512, R1513, R1612, R1791, R1836, R1847-07, R1848-07, and 7696. Burle (formerly RCA) 4900, 5819, 6342A, 6655A, S83006E, S83013F, S83019F, S83020F, S83021E, S83022F, S83025F. Phillips XP2202B, XP2203B, XP2412B. ADIT B51B01, L51B01, V51B01, B51D01, B51C01, B76B01, V76B01, B76C01 B89B01, B89C01, B89D01, B133D01, B133C01, V133B01.	5.6-cm (2.2-in.) diam, 10.2-cm (4-in.) length
269	-3000	≤2	Negative timing signal, 0.5 A; max, 50 Ω dc-coupled	Pos linear signal Z <sub>o</sub> ~ 1 MΩ; capacitive coupling	Voltage adjust for focus and deflection and 14th dynode	14-stage PMTs that fit standard 20-pin sockets, including: Hamamatsu R1823-01, R2059. Phillips XP2020, XP2020Q, XP2040, XP2040Q, XP2041, XP2041Q, XP2212B, XP2230B, XP2233B, XP2262B. EMI 9813K.	7.6-cm (3-in.) diam, 20.3-cm (8-in.) length
276	+2000	≤1.67	Negative signals Z <sub>o</sub> ~ 1 kΩ; capacitive coupling	Preamplifier internally connected to dynode 10; dc-coupled output	External control for focus voltage	Same as Model 266	5.6-cm (2.2-in.) diam, 10.2-cm (4-in.) length
296	+1100	Active dynode voltage regulation	Negative signals Z <sub>o</sub> ~ 1 kΩ; capacitive coupling	Preamplifier internally connected to dynode 10; ac-coupling	Internal HV supply adjustable from +600 V to +1100 V. Focus voltage is 1/2 of dynode 1 voltage.	Same as Model 266	5.6-cm (2.2-in.) diam, 17-cm (6.7-in.) length

Specifications subject to change  
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