



PVM Series Portable High Voltage Probes to 60 kV DC

PVM series high voltage probes are designed for general use, and for exceptional high frequency response. The probes have applications ranging from automotive ignition to excimer laser system measurement to EMI measurement. They are factory calibrated, and they do not require adjustment. In general the probes are for use with 1 Megohm oscilloscopes, but we also offer an optional switch which can compensate for various measurement instruments such as 10 Megohm meters as well. These units are intended for a wide range of applications where portability and ease of use are essential.

Model Number	PVM-1	PVM-2	PVM-3	PVM-4	PVM-5	PVM-6	PVM-7	PVM-11	PVM-12
Max DC/Pulsed V (kV)	40/60	40/60	40/60	40/60	60/100	60/100	60/100	10/12	25/32
Max Frequency (Mhz.)	80	80	40	120	80	80	110	50	80
Cable Impedance (ohms)	50	50	50	50	50	50	50	50	50
DC - 2 Hz. accuracy	<0.1%	<0.1 %	<0.1 %	<0.1 %	<0.15 %	<0.15%	<0.1%	<0.1 %	<0.1 %
2 Hz. - 200 Hz. accuracy	<1 %	<1. %	<2. %	<1.5 %	<1%	<1%	<1.5%	<1.5 %	<1.5 %
200 Hz. - 5 Mhz. accuracy	<1.5%	<1.5%	<3%	<2%	<1.5 %	<1.5 %	<2%	<2.%	<2.%
> 5 Mhz. Accuracy	<4%	<4%	<4%	<5%	<3%	<4%	<5 %	<4%	<4%
Input R/C (Megohm/pf)	400/13	400/13	400/10	400/8	400/12	400/12	400/9	100/15	300/7
Cable Length (ft./m)	15/4.5	30/9	100/30	15/4.5	15/4.5	30/9	15/4.5	15/4.5	15/4.5
Standard Ratio	1000:1	1000:1	10,000:1	1000:1	1,000:1	1,000:1	1,000:1	1,000:1	1,000:1
Length (inches/cm.)	19/47	19/47	19/47	19/47	19/47	19/47	19/47	7/18	9/23

Add -2 to any PVM-1 - PVM-6 or PVM-12 part number for 2000:1 ratio

Outline drawings are available at <http://www.highvoltageprobes.com/downloads>