



HVP-40

Maximum Voltage:

- DC: 40KV
- AC: 28KV (50/60Hz only, CAT II)

Input Impedance: 1000MΩ

Accuracy:

- DC: $\pm 1\%$ (up to 20KV), $\pm 2\%$ (up to 40KV)
- AC: -5% to -10% (50/60Hz)

Division Ratio: 1000:1

Certifications: CE, IEC1010

Specification	Details
Input Impedance	1000MΩ
Attenuation Ratio	1000:1
Maximum Test Voltage	DC 0 ~ ± 40 KV
Maximum Measurement Voltage	AC 1 ~ 28KV (50/60Hz)
Accuracy	DC: $\pm 1\%$ to 20KV; $\pm 2\%$ to 40KV AC: -5% to -10% at 50 ~ 60Hz
Safety Regulations Approved	EN61010, UL3111-1, TUV-GS; IEC1010 CAT II Pollution 2
Temperature Coefficient	200ppm/°C
Maximum Load Current	40uA (at 40KV DC)
Maximum Power Consumption	1.6 watt
Operating Temperature	0°C ~ +50°C
Storage Temperature	-20°C ~ +70°C
Ground Wire Length	90 cm (3 ft)
Cable Length	100 cm (3.3 ft)
Designated DMM Input Impedance	10MΩ
Meter Output Indication	X 1000 digits (e.g., 1V = 1000V; 10V = 10KV)
Overall Dimensions	340 mm (L) x 80 mm
Net Weight	300g
Additional Notes	Input impedance accuracy must be within $\pm 0.5\%$, otherwise it will affect the attenuation ratio.