



High Voltage Probe

PE-HVP-50

Electrical measurements and in particular high voltage measurements have been critical in developing technologies for the last 100 years. PE HV Probes are designed to achieve unmatched accuracy while providing wide bandwidth capability, rugged physical packages, and convenience. Power Electronical develops and manufactures high voltage probes which define the state of the art in high voltage measurements. To achieve accurate HV measurement use of high impedance probe is suggested. High voltage single-ended probe is typically used for measuring ground referenced signals AC & DC up to 50kV with the help of Digital Multimeter.



SPECIFICATION

VOLTAGE RANGE: 0 kV to 50 kV AC RMS, 75 KV DC PEAK

OPERATING: 0°C to 50°C

ATTENUATION RATIO: 100000:1 (1kV: 10 mV)

STORAGE: -20°C to +60°C

INPUT IMPEDANCE: 500 MΩ

RELATIVE HUMIDITY: 80% @ 30°C

MEASURING SIDE IMPEDANCE: 10 MΩ (recommended)

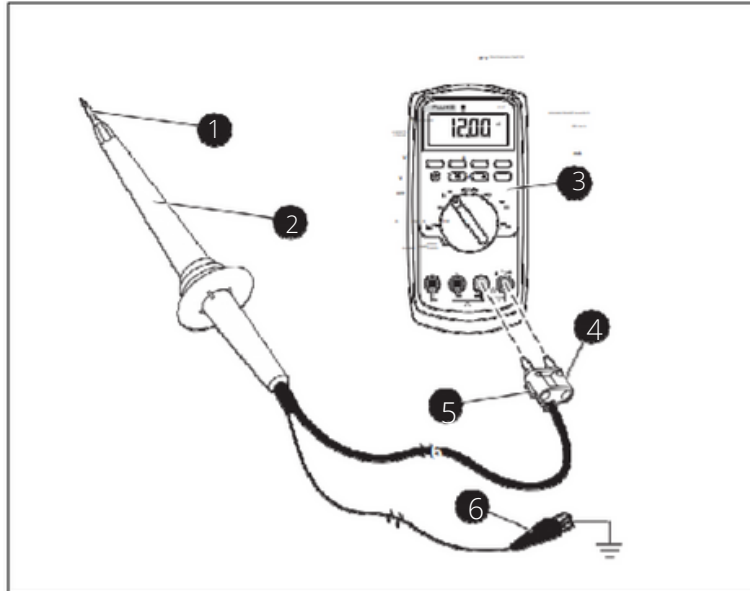
DIMENSIONS (L x W): 460 mm x 60 mm (L*W)

ACCURACY DC: 3% of rdg

WEIGHT: 900 gm



OPERATION



| | |
|---|-----------------------------------|
| 1 | Probe tip |
| 2 | Probe body |
| 3 | Multimeter or voltmeter |
| 4 | Plug |
| 5 | GND tab |
| 6 | Protective earth ground lead clip |

Our Products



OIL BREAKDOWN VOLTAGE TEST SYSTEMS



OIL DISSIPATION FACTOR & RESISTIVITY TEST SYSTEMS



CAPACITANCE & TAN DELTA TEST SYSTEMS



HIGH VOLTAGE TEST SYSTEMS
AC/DC HI-POT TESTER



CALIBRATORS



TUNABLE RESONATING INDUCTOR

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