

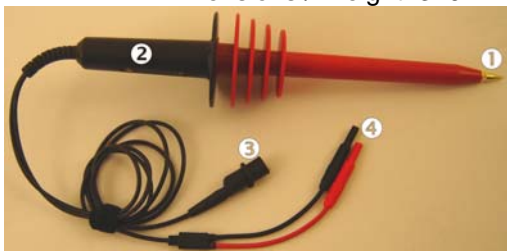
*For inspection and maintenance of switching power supplies,  
lighted signs, cathode-ray tubes, etc.*

The SHT40KV probe is an accessory for multimeters (10 M $\Omega$  input impedance) which can be used to measure voltages referenced to earth of up to 40 kV.



The SHT40KV high-voltage probe complies with the IEC 61010-031 safety standard. It is a **type-B probe** which can be used on **Category I installations** (specially-protected circuits not connected directly to the network).

- Rated maximum operating voltage:
  - DC voltage: 0 .. 40 kV
  - AC voltage: 1 .. 28 kV<sub>eff</sub> or 40 kV<sub>peak</sub> (50 / 60 Hz)
- Polarity: Positive / Negative
- Division ratio: 1 kV input → 1 V output
- Measurement uncertainty:
  - DC voltage: ± 1% at 20 kV, ± 2% at 40 kV
  - AC voltage: - 5% at 50 Hz
- Probe input impedance: ~ 1,000 M $\Omega$
- Multimeter input impedance (voltmeter): 10 M $\Omega$
- Operating temperature and altitude / storage temperature: 0 .. 50 °C at 2,000 m / - 20 .. +70 °C
- Humidity: 80% RH at 40 °C without condensation
- Influence of temperature: 200 ppm / °C
- Length of earth connection lead: ~ 90 cm
- Length of voltmeter connection lead: ~ 100 cm
- Dimensions / Weight: 340 mm x Ø 80 mm / ~ 300 g



1. Test probe
2. Insulated handle
3. Earth connection lead equipped with crocodile clip
4. Voltmeter connection lead equipped with Ø 4mm banana plugs

**TO ORDER**

High-Voltage probe model SHT 40 kV ..... P01102097  
Delivered with  
- one hooked end-fitting  
- one contact blade + mounting screw  
- one operating manuals



**Technical  
Specifications**