



HV Tester 25 kV

Portable HV Tester

Benefits:

- ▶ **DC and insulation testing of cables, joints, electrical fixtures, etc.**
- ▶ **High flexibility with built-in battery**



Description

The HV Tester 25 kV is a highvoltage generator with a variable negative DC output voltage of 0 ... 25 kV.

The HV Tester 25 kV is used for:

- ▶ Testing of newly installed cables and splices before they are taken into service
- ▶ Testing of disconnected cables
- ▶ Testing of electrical installations
- ▶ Preventive checks after repairs and work on cables and other installations

Technical features

- ▶ Easy operation
- ▶ Built-in rechargeable battery for mains independent operation
- ▶ Low weight and compact design
- ▶ Integrated discharge
- ▶ Built-in timer
- ▶ Stabilized adjustable output voltage
- ▶ Voltage measurement direct at high-voltage output
- ▶ HV-on with 0 kV interlock
- ▶ Output short-circuit and open-circuit proof
- ▶ Grounding safety circuit

Technical Data

Power supply (selectable)	Mains 115 V/ 230 V; 50 / 60 Hz (115 V), internal rechargeable battery, external battery 11 ... 15 V
DC output voltage	0 ... 25 kV DC, negative polarity
Rated output current	1.5 mA at max. output voltage
Operating time rechargeable	ca. 45 min
Max. discharge energy	3,000 J
Voltage measuring range	0 ... 30 kV
Current measuring ranges	0 ... 0.2 mA and 0 ... 2 mA
Operating temperature range	-25 °C ... +55 °C
Storage temperature range	-40 °C ... +70 °C
Dimensions (W x H x D)	467 x 168 x 284 mm
Weight	approx. 13.5 kg (incl. batteries)

Scope of Delivery

- ▶ Tester, incl. rechargeable battery and leather case
- ▶ Mains lead
- ▶ Battery lead for external DC battery, approx. 3 m
- ▶ Ground lead, approx. 3 m, for connection to station ground
- ▶ Ground lead, approx. 3 m, for connection to protective ground
- ▶ High voltage lead, approx. 3 m, with terminal
- ▶ Operating manual