



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 high-voltage generator with a variable negative DC output voltage of 0 ... 25 kV.

The condition of the test object with regard to electrical strength and insulation quality can be determined on the basis of the unit's readings for output voltage and current.

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
- ▶ 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, 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