

HV Tester 25 kV

Portable HV Tester



DC and insulation testing of cables,
joints and electrical fixtures

sebaKMT

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Application:

The HV Tester 25 kV is a high-voltage generator with an infinitely 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 disconnected cables.
- Testing electrical installations.
- Preventive checks after repairs and work on telecommunication cables and other installations.

Performance features:

- Easy operation.
- Built-in rechargeable battery makes the tester independent of an external power supply.
- Low weight and compact design.
- Integrated discharge device.
- Built-in timer.
- Internal charger, exhaustive discharge protection.
- Stabilized output voltage infinitely variable.
- Voltage measurement direct at high-voltage output.
- Forced zero position when high-voltage is switched on.
- 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
At Full pons:	
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 to +55 °C
Storage temperature range:	-40°C to +70 °C
Dimensions (W x H x D):	467 x 168 x 284 mm
Weight:	approx. 13.5 kg (incl. batteries)

Ordering information:

HV Tester 25 kV

Article no. 3017 204

The delivery of HV Tester 25 kV included:

- 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.
- Operation manual

DIN ISO-9001

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Product Range: Instruments and Test Vans for Fault Location in Power and Telecommunication Networks and for Leak Detection in Water and Sewage Networks • Cable and Pipe Locators • Seminars

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Technical data subject to change without notice.

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