

HV tester 25 kV

Portable HV tester



- **Compact and lightweight**
- **DC and insulation testing of cables, joints, electrical installations, etc.**
- **High flexibility thanks to built-in battery**
- **Internal discharge**

DESCRIPTION

The HV Tester 25 kV is a universal high voltage generator with a variable negative DC output voltage of 0 ... 25 kV. It is robust, lightweight, compact and can be easily handled.

Thanks to the internal battery mains independent testing is enabled. Capacitive loads, such as shielded cables, will be properly and automatically discharged in case of a breakdown or at the end of the testing time via the internal discharge facility.

The HV Tester 25 kV is used for:

- Testing of newly installed cables and splices before they are taken into service
- Testing of electrical installations
- Testing at re-commissioning of cables or other HV plants after maintenance or repair

TECHNICAL FEATURES

- Easy operation
- Built-in rechargeable battery for mains independent operation
- Low weight and compact design
- Integrated discharge
- Built-in timer, 1... 30 min
- Voltage measurement on high voltage potential
- Output short-circuit-proof
- Grounding safety circuit

TECHNICAL DATA*

HV tester 25 kV

Input voltage (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
Measuring range	0 ... 30 kV
Precision	2.5 %
Output current	1.5 mA at max. output voltage
Measuring range	0 ... 0,2 mA and 0 ... 2 mA
Precision	2.5 %
Battery operating time	approx. 45 min at full load
Max. discharge energy	3000 J
Operating temperature	-25 °C ... +55 °C
Storage temperature	-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

ORDERING INFORMATION

Product	Order no.
HV tester 25 kV	30017204
HV tester 25 kV with external emergency switch	90007125

* We reserve the right to make technical changes.

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