

# 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

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### 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

<b>Input voltage (selectable)</b>	Mains 115 V/230 V; 50/60 Hz (115 V); internal rechargeable battery; external battery 11 ... 15 V DC
<b>Output voltage</b>	0 ... 25 kV DC, negative polarity
<b>Measuring range</b>	0 ... 30 kV
<b>Precision</b>	2.5 %
<b>Output current</b>	1.5 mA at max. output voltage
<b>Measuring range</b>	0 ... 0,2 mA and 0 ... 2 mA
<b>Precision</b>	2.5 %
<b>Battery operating time</b>	approx. 45 min at full load
<b>Max. discharge energy</b>	3000 J
<b>Operating temperature</b>	-25 °C ... +55 °C
<b>Storage temperature</b>	-40 °C ... +70 °C
<b>Dimensions (W x H x D)</b>	467 x 168 x 284 mm
<b>Weight</b>	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.
<b>HV tester 25 kV</b>	<b>30017204</b>
<b>HV tester 25 kV with external emergency switch</b>	<b>90007125</b>

\* We reserve the right to make technical changes.

### SALES OFFICES

KMT Services BV  
V d Kunstraat 10  
4251 LN Werkendam  
[Tel:+31 \(0\)183 304012](tel:+310183304012)  
E-mail:[info@kmtservices.nl](mailto:info@kmtservices.nl)  
[www.kmtservices.nl](http://www.kmtservices.nl)

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**Megger**