ENSURING THE FLOW.

Data Sheet

High Voltage Test Set PGK 150 / 5 HB

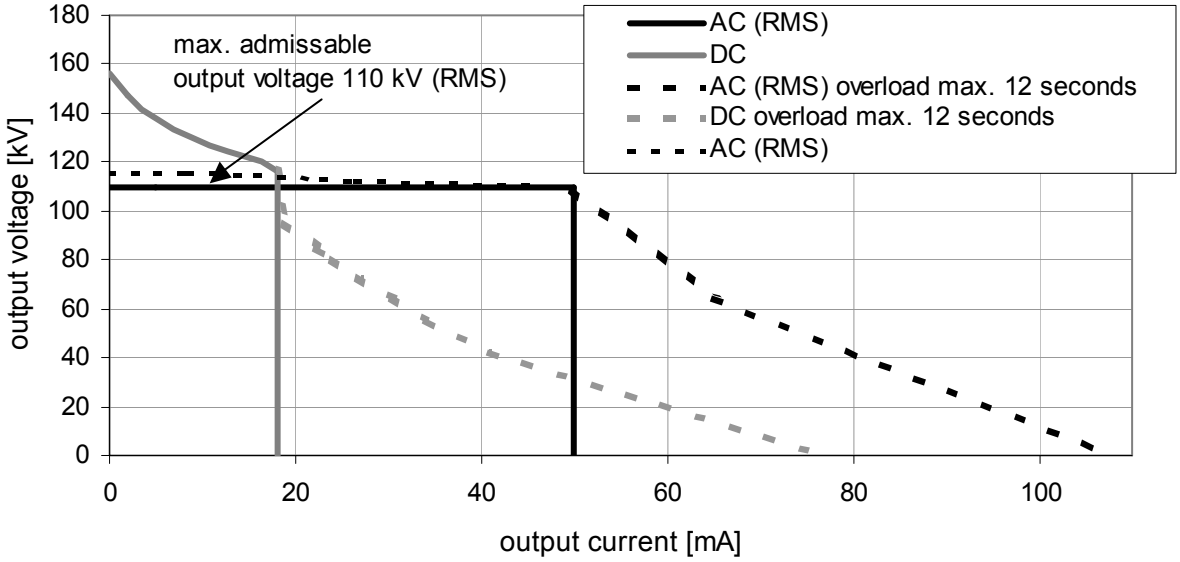
The two-part test sets PGK HB generate variable AC test voltages of mains frequency or DC voltages of positive or negative polarity.

The operating unit in 19“ design has a voltage and current display, safety control elements according to VDE 0104 and a variable transformer for voltage adjustment.
The high voltage unit contains an oil insulated high voltage transformer and, depending on the desired operation mode, a rectifier rod or a resistor rod. The polarity of the DC test voltage can be changed by reversing the rectifier in the high voltage unit.

Features:

- absolutely maintenance-free design
- stepless adjustable output voltage
- safety control according to VDE 0104
- short-circuit protected by internal current limitation
- voltage indication: 2 range analogue meter, ratio 1:3
- current measurement: 3 range analogue meter, decadic
- thermal overcurrent switch-off

Load diagram PGK 150 / 5 HB



Technical data

	PGK 150 / 5 HB
Mains supply	220 - 240 V 110 - 120 V with external autotransformer
Mains frequency	45 Hz up to 60 Hz
Power consumption	5750 VA
Power consumption short-circuit	11700 VA
Nominal output voltage AC rms / DC	110 kV / 150 kV
Output current cont. AC rms / DC	50 mA / 18 mA
Short-circuit current AC rms / DC	108 mA / 77 mA
Relative humidity	not condensing
Ambient temperature	working: 0 ... + 45 ° C storage: - 20 ... + 60 ° C
Precision of the kV-meter	2,5 %
Precision of the mA-meter	2,5 %
Dimensions control unit housing (W x H x D)	502 x 580 x 480 mm
Dimensions High Voltage part (height / diameter)	1530 mm / 640 mm
Weight control unit	51 kg
Weight High Voltage unit	180 kg

High Voltage Test Set PGK 150 / 5 HB
Delivery includes: 411+014

- High voltage test set PGK 150 / 5 HB without accessories
- Earth and discharge rod GDR 160-1000
- Connection cable HV unit - operating unit; 5 m long, fix mounted
- on HV unit
- Ground line 3 m long
- HV connection cable, approx. 2.5 m long; with crocodile clip
- Key for changing of rectifier rod / resistance rod
- Rectifier rod for DC voltage operation; incorporated in HV unit
- Resistance rod for AC voltage operation
- Mains connection cable without termination; fix mounted on operating unit
- User Manual

Options:

- Trolley for high voltage unit
- Hinged stand for 19" units up to 12U; working height approx. 90 cm
- Automatic discharge device EM 150 / 5; 45 kWs
- External Emergency-Off unit with signal lamps; cable length 25 m
- External Emergency-Off unit with signal lamps; cable length 50 m
- Transport case for operating unit (W x H x D) approx. 650 x 657 x 550 mm
- Transport case for HV unit (W x H x D) approx. 720 x 1800 x 720 mm