



## Data Sheet



### High Voltage Test Set PGK 70 HB

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

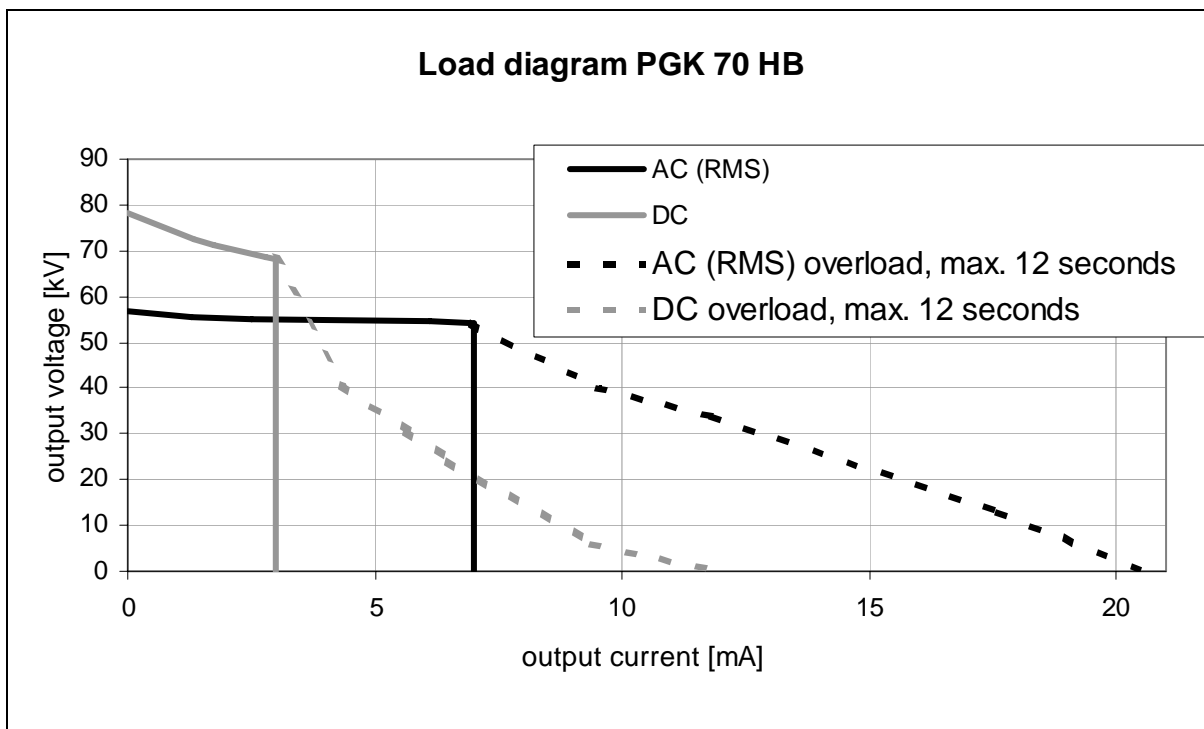
The operating unit in 19" design has a voltage and current display, safety control elements according to VDE 0104 and a variable transformer for voltage adjustment.

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





## Technical data

	<b>PGK 70 HB</b>
Mains supply	220 - 240 V 110 - 120 V with external autotransformer
Mains frequency	45 Hz up to 60 Hz
Power consumption	640 VA
Power consumption short-circuit	1200 VA
Nominal output voltage AC rms / DC	55 kV / 70 kV
Output current cont. AC rms / DC	7 mA / 3 mA
Short-circuit current AC rms / DC	20 mA / 12 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 %
Dimension control unit housing (W x H x D)	502 x 241 x 290 mm
Dimension High Voltage part (height / diameter)	810 mm / 385 mm
Weight control unit	13,5 kg
Weight High Voltage unit	26 kg





## High Voltage Test Set PGK 70 HB

### Delivery includes: 411+010

- High voltage test set PGK 70 HB without accessories
- Discharge rod ES 70; 12 kW
- Connection cable HV unit - operating unit; 5 m long
- 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
- User Manual

### Options:

- Hinged stand for 19" units up to 5U; working height approx. 90 cm
- Automatic discharge device EM 70; 20 kW
- 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. 626 x 383 x 382 mm
- Transport case for HV unit (W x H x D) approx. 440 x 940 x 440 mm

