

Data Sheet



High Voltage Test Set PGK 25

PGK 25 is a compact set for DC voltage testing with negative polarity up to 25 kV.

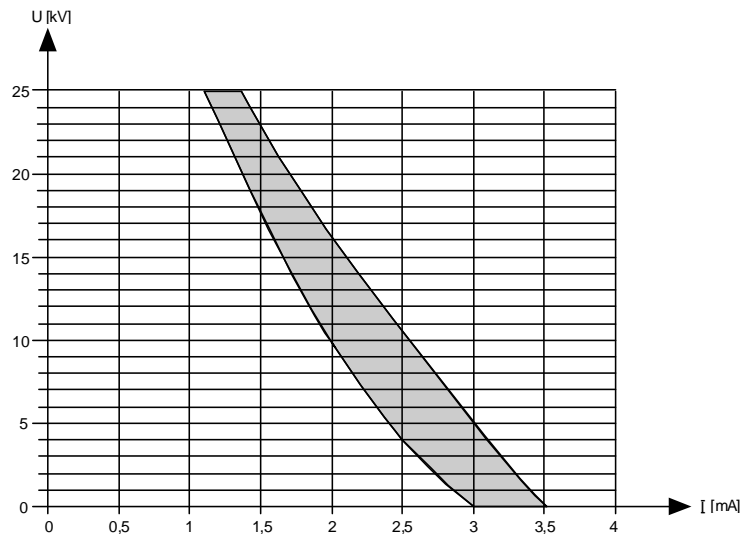
Because of its different power supplies, this instrument can be used anywhere:

- incorporated mains supply unit and charging unit 110 - 120 / 220 - 230 / 240 V; 50 - 60 Hz
- incorporated battery 12 V
- external 12 V DC supply source possible

Features:

- integrated timer 1-30 min (± 1 min) with automatic final disconnection and release of discharge device
- stepless adjustable output voltage 0 - 5 kV and 0 - 25 kV DC
- voltage measurement is made directly at high voltage output
- zero interlock of high voltage
- high voltage plug with control contact
- current measurement: decade switching in 5 ranges
- plotter connection for current range 0 - 200 mV (for ungrounded input)
- connection for external battery, 12 V

Load characteristic



Technical data

	PGK 25
Connection power	110 VA
Output voltage	0 - 5 kV and 0 - 25 kV DC neg.
Voltage measuring ranges analogue	5 / 25 kV
Current delivery at nominal voltage	1 mA
Short-circuit current	3 mA
Current measuring ranges analogue	1 μ A / 10 μ A / 100 μ A / 1 mA / 10 mA
smallest reading current	50 nA
Relative humidity	not condensing
Ambient temperature	working: 0 ... + 45 °C storage: - 20 ... + 60 °C
Current supply (incorporated battery with charging unit)	12 V; 6,5 Ah
Operating time with battery at 2/3 load	approx. 30 min
Discharge energy: 10 min recovery time between 2 discharges 20 min recovery time between 2 discharges	max. 3000 Ws (9,6 μ F / 25 kV) max. 5000 Ws (16 μ F / 25 kV)
Dimensions (W x H x D)	approx. 415 x 140 x 360 mm
Weight	approx. 16,5 kg

High Voltage Test Set PGK 25

Delivery includes: 411+008

- High voltage test set PGK 25 without accessories
- HV connection cable, 2.6 m long
- Ground line 2.5 m long; with ground terminal 24 mm wide
- Leather bag for HV connection cable
- Mains connection cable
- User manual

Options:

- Leather bag for PGK 25
- Battery connection cable red and black; each 5 m long
- Ground monitoring device
- Guard connection
- Discharge rod ES 45; 6 kW
- Charging current limitation for high capacities (125 k Ω)

