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DATA-SHEET



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WHY BUY
WHEN YOU CAN HIRE

Cable Test Sets

KPG 50kV

KPG 80kV

KPG 110kV

KPG 120kV




kilovolt
PRUEFTECHNIK

Specification

(Subject to change without further notice!)



Cable Test Sets KPG 50kV/80kV/110kV/120kV

The devices series KPG 50-120kV have been designed as Cable Test Sets for DC voltage testing of Medium Voltage Power Cables. There are 4 different versions (50kV/80kV/110kV/120kV) available. The devices are characterized by low weight and high output power. Thanks to the compact 2-part design, the units are easily portable and perfect to be used on site. The separate design of Operation- and High Voltage unit, a key switch, switch-on interlock and a protective ground circuit ensure maximum safety.

Field of application:

- Testing of newly installed cables and cable joints before commissioning
- Testing at re-commissioning of cable systems or High Voltage systems after maintenance and repair
- Regular preventive cable testing
- Testing of electrical equipment

	KPG 50kV	KPG 80kV	KPG 110kV	KPG 120kV
Power supply	Mains operation, selectable 115/230 V ; 50/60 Hz (specify when ordering)			
Output voltage infinitely adjustable	0 ... 50 kV DC negative polarity	0 ... 80 kV DC negative polarity	0 ... 110 kV DC negative polarity	0 ... 120 kV DC negative polarity
Rated output current at max. output voltage	6 mA	5 mA	4 mA	3,5 mA
Overcurrent trip	> 8 mA	> 7 mA	> 6 mA	> 5,5 mA
Voltage measuring range	0 ... 50 kV	0 ... 80 kV	0 ... 110 kV	0 ... 130 kV
Current measuring ranges	0 ... 100 µA / 1 mA / 10 mA			
Power consumption	max. 900 VA			
Operating temperature	-25 °C ... +55 °C			
Storage temperature	-40 °C ... +70 °C			
Weight				
Operation unit	13 kg	13 kg	13 kg	13 kg
High Voltage unit	17 kg	18,5 kg	20 kg	20,5 kg
Dimensions (W x H x D)				
Operation unit	37 x 20 x 28 cm	37 x 20 x 28 cm	37 x 20 x 28 cm	37 x 20 x 28 cm
High Voltage unit	21 x 38 x 31 cm	21 x 40 x 31 cm	21 x 42 x 31 cm	21 x 43 x 31 cm

Characteristics:

- Easy operation
- Robust construction, low weight
- Compact, easily portable by modular design
- Quick test setup on site
- Overcurrent trip
- Overvoltage protection
- Voltage measurement direct at HV output
- Protective ground circuit

Options:

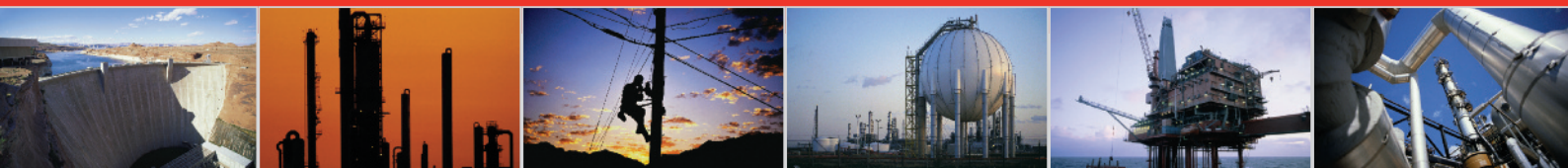
- Transport case with trolley-function
- Timer 1 ... 60 minutes

Scope of supply:

- Operation unit with protective bag and cable storage
- HV unit with HV-connecting attachment
- HV-connecting cable, length 2m
- Connecting cable, HV unit to Operating unit, length 3m
- Ground cable for station ground, length 3m
- Ground cable for protective ground, length 3m
- Mains lead
- Ground- and Discharge rod, demountable, with ground cable and bag
- Service pack
- User manual

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Inlec guarantee you real value for money. Our price match policy is simple - if you can hire the same product for less elsewhere, we guarantee to match that price and reduce it by a further 10% of the difference - and still deliver our industry leading technical and customer support.

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*subject to availability and conditions

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