



## Cable test sets

# Specification

(Subject to changes and alterations without further notice.)



KPG 25 kV	
Power supply (selectable)	<ul style="list-style-type: none"> <li>• mains 115 V/230 V, 50/60 Hz</li> <li>• internal rechargeable battery</li> <li>• external battery 11 ... 15 V DC</li> </ul>
DC output voltage infinitely variable	0 ... 25 kV negative polarity
Rated output current at max. output voltage	1.5 mA
Operating time with battery	approx. 45 min.
Max. discharge energy	3 000 J
Voltage measuring range	0 ... 30 kV
Current measuring range	0 ... 0.2 mA and 0 ... 2 mA
Operating temperature range	-25 °C ... +55 °C
Storage temperature range	-40 °C ... +70 °C
Weight (incl. battery)	approx. 13.5 kg
Dimensions (W x H x D)	467 x 168 x 284 mm
Set comprises:	<ul style="list-style-type: none"> <li>• Tester, incl. rechargeable battery and soft case</li> <li>• Mains lead</li> <li>• Battery lead for external DC battery, approx. 3 m</li> <li>• Ground cable, approx. 3 m, for connection to station ground</li> <li>• Ground cable, approx. 3 m, for connection to protective ground</li> <li>• High-voltage lead, approx. 3 m, with terminal</li> <li>• User manual</li> </ul>

	KPG 50 kV	KPG 80 kV	KPG 110 kV	KPG 120 kV
Power supply	• mains 230 V/50 Hz, 115 V/60 Hz			
DC output voltage infinitely variable	0 ... 50 kV negative polarity	0 ... 80 kV negative polarity	0 ... 110 kV negative polarity	0 ... 120 kV negative polarity
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 range	0.1 mA/1 mA/10 mA			
Power consumption	max. 0.9 kVA			
Operating temperature range	-25 °C ... +55 °C			
Storage temperature range	-40 °C ... +70 °C			
Weight				
Operation unit:	approx. 13.0 kg	approx. 13.0 kg	approx. 13.0 kg	approx. 13.0 kg
HV unit:	approx. 17.0 kg	approx. 18.5 kg	approx. 20.0 kg	approx. 20.5 kg
Dimensions (W x H x D)				
operation unit:	400 x 390 x 200 mm	400 x 390 x 200 mm	400 x 390 x 200 mm	400 x 390 x 200 mm
HV unit:	214 x 550 x 305 mm	214 x 575 x 305 mm	214 x 600 x 305 mm	214 x 600 x 305 mm
Set comprises:	<ul style="list-style-type: none"> <li>• Operation unit with soft case</li> <li>• HV unit with HV attachment</li> <li>• Connecting lead, operation unit to HV unit</li> <li>• High-voltage lead, 2 m</li> <li>• Ground cable, 3 m, HV unit to station ground</li> <li>• Ground cable, 3 m, operation unit to station ground</li> <li>• Ground and discharge rod with ground cable and case</li> <li>• User manual</li> </ul>			