PGT

Portable high voltage tester DC 25kV to 120kV

The **PGT** series portable HV-DC test sets are designed for high voltage testing (HIPOT) of cables and cable systems. Their compact dimensions in combination with low weight make them well suited for field testing. Improved safety is achieved by separating control and HV unit. This allows to setup controls away from high voltage or for better installation in mobile test vans. Operation is very simple with clear analogue metering that shows voltage and leakage current.

SPECIFICATIONS

	PGT 25	PGT 50	PGT 80	PGT 110	PGT 120
Operation modes					
output voltage	0 to 25kV	0 to 50kV	0 to 80kV	0 to 110kV	0 to 120kV
output current	1,5mA	6mA	5mA	4mA	3.5mA
Specific characteristics					
measuring range voltage	25kV	50kV	80kV	110kV	120kV
measuring range current	200µA / 2mA	0.1mA / 1mA / 10mA			
over current trip		≥ 8mA	≥ 7mA	≥ 6mA	≥ 5.5mA
discharge unit	integrated	rod	rod	rod	rod
Power supply					
mains voltage	+ battery	230V, 50Hz, optional 115V, 60Hz			
power consumption		max. 900VA			
Environmental					
operating temperature	-25 °C ... +55 °C				
Mechanical data					
dimensions control unit	473x152x275mm	300x415x200mm			
dimensions HV unit	-	300x215x550mm	300x215x575mm	300x215x600mm	300x215x600mm
weight control unit	13,5kg	13.5kg			
weight HV unit	-	17.0kg	18.5kg	20.0kg	20.5kg

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ISO 9001 Certified

Subject to alterations