

## High Voltage generator 4735

*Portable equipment generating a continuous settable voltage from 0 to 10KV DC*



### DESCRIPTION

Measuring dielectric strength requires simple, robust and mobile test equipment like the 4735. The generator output voltage can be continuously set anywhere between 0 and 10kV DC by means of a potentiometer in steps of 10V. There's an automatic discharge of the cable when the measurement is completed by means of a relay for minimum 30sec to ensure its full discharge and depolarisation. The values are displayed on a LCD screen. The current consumption of the electronic is 70mA only. In case of a short circuit, the maximum consumption is only 700mA. The low supplied current (0,3mA) prevents the destruction of the cable in case of default. The fault is indicated by the variable lighting of the lamp, flashing when the current leakage reaches 10 $\mu$ A. The cable charge end is indicated by a test lamp. It is powered from batteries or mains supply 115/230V AC.

### KEY FEATURES

- **Device for laboratory and outdoor use**
- **Non-destructive testing**
- **Adjustable voltage up to 10kV DC**
- **Safety ensured thanks to an automatic cable discharge at the end of testing**
- **Powered from battery or mains supply 115/230 V**



AESA Cortailod

## TECHNICAL SPECIFICATIONS

Output power	0 to 10 kV DC
Voltage setting	Continuous with potentiometer
Display	LCD
Display accuracy	$\pm 10$ V
Minimum initial loading current	0.3 mA
Consisting of	Portable equipment HV measuring cable External power supply 15VDC
Power supply	12 x 1.5 V torch batteries type R20 or mains supply 115/230 VAC
Dimensions	285 x 217 x 110 mm
Weight	4 kg
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