

HTFC-2G Lightning Protection Components Tester



I. Introduction

Applies to test the DC parameters of Oxide Zinc arrester (voltage dependent resistor), cermet second, third electrode discharge tube, vacuum lightning tube and others over-voltage protection components

II. Features

1. Applies to test the DC parameters of Oxide Zinc arrester (voltage dependent resistor), cermet second, third electrode discharge tube, vacuum lightning tube and others over voltage protection components. It also can be considered as stable power source and constant current power supply.
2. With HV short circuit protection, over current protection, high voltage preset, range adjustment functions, HV self discharge time less than 0.5 second.
3. With self calibration function.
4. LCD display, high precision, strong reliability.
5. Pre-set the measurement range when testing, there will be sound alarm if exceed the measurement range.
6. Choose continuous measurement can make continuous test for mass measured equipment.
7. Panel function is simple, easy to operate.
8. Light in weight , easy to carry.

III. Parameters

1. Voltage dependent resistor measurement

Technical Specifications	Measurement range	Maximum error	Test Conditions
Voltage (U 1mA)	(0 ~ 1700)V	$\leq \pm 2\% \pm 1d$	1mA $\pm 5\mu A$
Leakage current (I 0.75U 1mA)	(0.1 ~ 199.9) μA	$\pm (2 \mu A + 1d)$	0.75 U1mA $\leq \pm 2\% \pm 1d$

2. Discharge tube measurement

Technical Specifications	Measurement range	Maximum error	Test Conditions
DC breakdown voltage (V sdc)	(20 ~ 1700)V	$\leq \pm 2\% \pm 1d$	Rate of voltage rising 100V/S $\pm 10\%$

3. Other parameters

Insulating resistance	6M Ω (500V)
Voltage withstand	AC1.5kV 50HZ 1min
Temperature and humidity	0~ +40°C, \leq 85%RH
Storage temperature and humidity	- 10°C~ +50°C, \leq 90%RH
Power supply	DC12V dedicated power supply
Power consumption	8W
Dimension	208x190x78mm ³
Weight	\leq 1kg

IV. Accessories

