

DC HiPot Tester

DC High Potential Tester 60/ 80 /100 /120 /200 /300 kV

Rating: Not Rated Yet

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Description

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Altern DC Hipot Tester adopts high frequency Pulse Width Modulation (PWM) technology to make closed adjustment with high voltage stability, small ripple factor and fast reliable protection circuit. The wide temperature LCD screen adopts green back light, which enables clear display either in bright light or in darkness. High-pressure components use Dupont new filling material, making the product more stable and reliable. Products are widely used in electricity power supply departments, power transmission and transformation engineering company and preventive test of large industrial enterprises and scientific research institutes as regulated dc high voltage power supply.

Features

1. Full range of linear smoothly adjusted voltage, with voltage regulation accuracy smaller than 0.1%; voltage measurement accuracy is 0.5%, resolution 0.1kv; Current measurement accuracy is 0.5%, the minimum resolution: control box 1 μ A, shock resistance current 0.1 μ A.
2. Over-voltage setting function displays the over-voltage value during regulation

process;perfect protection against discharge of over-voltage, over-current and short circuit. This is the best companion for cable experiments.

3. Perfect break line and non-zero potential start protection function protects the operator and samples at any time. This product has overall design of shock- proof control box, concise,clear panel design and voice prompt for operation.

Specification

Voltage (KV)/mA Current (mA)	Control Box			High-Voltage Transformer	
	Rated Voltage	Dimension (mm)	Weight (kg)	Dimension (mm)	Weight (kg)
60/2-5	60KV	310 * 250 * 230	5kg	470 * 260 * 220	6kg
80/2-5	80KV	310 * 250 * 230	6kg	490 * 260 * 220	8kg
100/2-5	100KV	310 * 250 * 230	6kg	550 * 260 * 220	8kg
120/2-5	120KV	310 * 250 * 230	7kg	600 * 260 * 220	10kg
200/2-5	200KV	310 * 250 * 230	8kg	1000 * 280 * 270	20kg
300/2-5	300KV	310 * 250 * 230	9kg	1300 * 280 * 270	22kg
Output Polarity	Negative polarity, no-voltage start, linear continuous adjustment				
Operation Voltage	50HZ AC220V±10%				
Voltage Error	0.5%±2? minimum solution 0.1KV				
Current Error	0.5%±2? minimum solution 0.1µA				
Ripple Factor	better than 0.5%				
Voltage Stability	Random fluctuation , grid change is 10% , the fluctuation <=0.5%				
Working Manner	Interval working, less than 30 minutes under rated load				
Temp. & Humidity	Temperature: 0-40? , humidity: less than 90%				
Storage	Temperature: -10? ?40? , humidity: less than 90%				
Altitude	Lower than 3000 m				