

# Automatic Type DC Hipot Testers

Quality / Accuracy / Reliability



The DC hipot tester is used to test the **insulation strength and leakage current** for electric devices such as arrester, cable and transformer, generator and other equipments. It adopts new technology, new material and new component, applies PWM modulation technology and large power MOSFET device. It is reliable, easy to operate and carry, especially suitable for field tests.

## Features:

- **Output voltage stability:** the use of the latest PWM pulse width modulation technology and voltage current double closed-loop feedback technology, improve the power supply adjustment rate and load adjustment rate, so that the high voltage stability, low ripple. Full range smooth voltage regulator, output voltage high accuracy. The host voltage meter directly displays the voltage value of the load, without additional voltage divider, the wiring operation is simple. Voltage resolution 0.1kV, current resolution 1uA.
- **Comprehensive protection:** full range of protection function, with zero position protection, over current protection, over voltage protection, breakdown protection, protection circuit use nanosecond special sensors, the action is fast and reliable, and effectively protect the safety of people and equipment.
- **0.75U function:** the intelligent high precision 0.75U function button, press this button, voltage current automatically up to the 0.75U state, which is conducive to the oxidation of zinc oxide arrester test.
- **Zero boost voltage:** the boost potentiometer zero, the use of imported multi-loop potentiometer, the process of stable, high-accuracy.
- **Over voltage setting:** digital dial switch is used in the setting of over voltage, and the operation is simple, has higher accuracy.
- **Integrated design:** use of integrated design, the host and the cylinder placed in a box. Select high frequency high voltage rectifier diode, so small volume, improves the efficiency of the whole machine, easy to carry.
- **Reliable performance:** the key components are high performance imported components, the appearance of the cylinder coated with special insulation materials, electrical performance is good, moisture resistance, no leakage.
- **Simple operation:** the function of the instrument interface buttons, reasonable layout, clear instructions, easy to learn and use.

## Specifications:

Type	Rated Output DC Voltage (kV)	Rated Output DC Current (mA)	Rated Output Power (W)	Height of Voltage Pole (m)	Weight (Kg)
i-60kv	60	2/3/5/10	120/180/300/600	0.44	16
i-120kv	120	2/3/5/10	240/360/600/1200	0.535	20
i-200kv	200	2/3/5/10	400/600/1000/2000	1.0	26
i-300kv	300	2/3/5/10	600/900/1500/3000	1.5	31
i-400kv	400	2/3/5/10	800/1200/2000/4000	2.1	38
Power supply:	AC220V±10%, 50Hz or 60Hz				
Accuracy of indicated voltage value:	±(1.0%R±2d)				
Accuracy of indicated current value:	±(1.0%R±2d)				
Ripple factor:	≤ 0.5%				
Working mode:	Intermittent use, continuous using time not longer than 30 minutes				
Over load capacity	No-load voltage can exceed the rated voltage of 10% to 10 minutes. Maximum charge current of 1.25 times the rated current.				
Working environment:	T: -10-40℃, ≤85%RH under 25℃, without moisture, attitude < 1500m				

Product Specifications are subject to change without notice

Manufactured By:

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