



BDT.500

Product Overview

Applicable to DC withstand voltage test for HV electrical equipment, especially in burn through for power cable high resistance fault point to reduce the resistance of fault point, also using in withstand voltage test of cables.

DC withstand test: 0–60kV DC voltage, constant and adjustable, using in DC withstand test of HV cable and HV electrical equipment.

High resistance fault burn through: burn through voltage up to 60kV, burn through current up to 500mA, will burn through the fault in a short time.



Measuring Function:

Work mode	Continuous
Burn through power	1000W
Output voltage	60KV Adjustable
Max current	500mA
Test accuracy of voltage and current	1.5%
Power supply voltage	Power Frequency 220V±15%
Environment temperature	-15°C~45°C
Size	30cm×46cm×50cm
Weight	17kg

Key Features:

The BDT.500 is a very powerful, portable, high voltage unit which is primarily used for locating faults in power cables of the low and medium voltage, mains, as well as in control cables.

The high output power and short circuit of the unit make it possible in many cases to convert high impedance and intermittent cable faults into low impedance shunts up to dead short circuits without difficulty or to dry wet cable sections.

The shockproof enclosure of all high voltage parts of the unit and automatic discharging of the test object after shutdown/ power failure guarantee maximum protection for the operator and the equipment.

Function

The unit acts as a current source for locating faults in power and control cables. It is primarily used for burning down high impedance and intermittent cable faults in low and medium voltage power supply networks.

In addition, it can be used in conjunction with the appropriate connecting devices and a time domain reflectometer (TDR) for pre-location with the MIM Method.