

Withstand Voltage Tester 8528



Improve the efficiency and reliability of the test

Robust design with high reliability and Safety

The model 8528 is withstand voltage tester having output voltage 5kV, output capacity 500VA. Withstand voltage test of electrical equipments and parts can be done based on various safety standards. Interlock function, key lock function and test condition memory function are standard features and it seeks safety and easy operation. In addition, the external control is easy, the standard features have remote control, interface test conditions and status output to output the judgment result and can take advantage of system architecture of automatic test.

- Very good corresponding to various tests based on the safety standards of electrical appliance.
- Safety-oriented design : Interlock & Key lock function etc.
- Equipped with memory function having capable of storing 9 types of test conditons.
- Status output which displays test conditions and results.
- Available with Remote Control I/O having capable with an external control.
- Test conditions can be shown in large LED and measured values can be displayed collectively.
- Variouis power supply voltage is available : AC115 / 200 / 220 / 240V
- RS-232C for obtaining test conditions and results.

Standard specifications

● Test voltage

Output volt : AC0 to 2.5kV / 0 to 5kV
 Capacity : 500VA (5kV, 100mA)
 Voltage application method : Zero-cross-on switch
 Applied voltage setting : Bolt slider manual setting

● Voltage measurement

Analog : Scale 0 to 5kV
 Accuracy $\pm 5\%$ of F.S
 Digital : 0.00 to 6.00kV
 Digital 3 digits display green LED
 Accuracy $\pm 1.5\%$ of F.S

● Current measurement

Range : 0.01 to 110.0 mA
 Digital 3 1/2digits display green LED

● Test result judgment

Method : Upper limit analog comparator
 Upper limit and lower limit digital comparator
 Setting : Upper limit 0.1 to 110.0mA
 Lower limit 0.0 to 109.0mA
 (Lower limit setting with ON/OFF switching function)
 Conditions : Upper limit > Current leak > Lower limit ••GOOD
 Upper limit set value \leq Current leak ••••HIGH NG
 Lower limit set value \geq Current leak ••••LOW NG

● Test time

Range : 0.1 to 999s (With timer OFF function)
 Display : 0.0 to 999 3 digits display green LED
 character height 8mm
 During test
 when timer ON : Remaining time display
 when timer OFF : Elapsed time display
 Setting value displays during READY

Data output

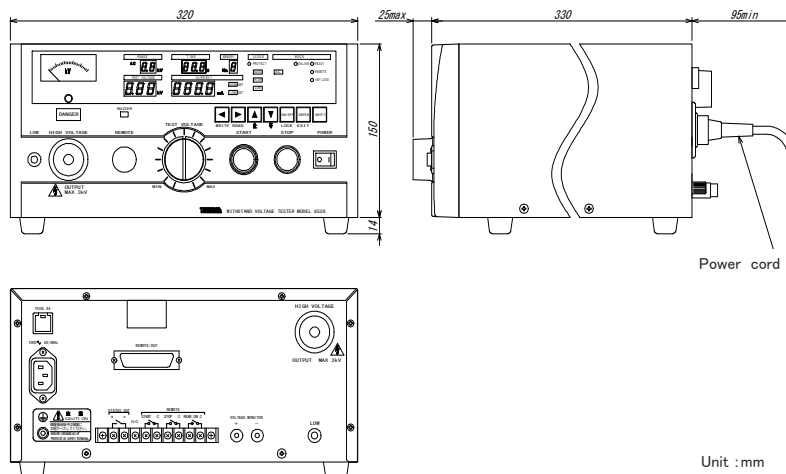
● Voltage monitor output (Rear terminal)

Voltage is output linear corresponding to test voltage
 Output : DC0 to 5V (Corresponding to AC0 to 5kV)
 Tolerance $\pm 1.5\%$ of F.S

General specifications

Power : AC100 to 240V 50/60Hz
 Power consumption : When rated load: About 50VA
 When no-load : About 16VA
 Op. temp : 0 to 40°C 20 to 80%RH
 (Non-condensing)
 Storage °C : -20 to 70°C
 Ext. Size : 320(W)×150(H)×330(D)
 without protrusion
 Weight : About 9kg
 Accessories : High voltage cable 2m 1 pc.
 Earthing wire 3m 1 pc.
 Power cord 2.5m 1 pc.
 REMOTE OUT plug 1 pc.
 Fuse 1 pc.
 Instruction manual 1 set

Dimensions



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