



## GD2013 AC/DC Withstand Voltage Tester



### General Information

GD2013 AC/DC Withstand Voltage Tester is mainly used to test electronic components, electric device, electrical cables. Besides, it can also serve as polarization power supply. With advanced circuit design, this series can be customized as per user's request.

### Features

- Voltage display: it displays the output voltage, AC current displays RMS value.

- Current display: it displays current in the test object, AC current displays RMS value.
- Alarm light: when current in the test object exceeds preset current, test current is cut off, and alarm is given at the same time. Alarm light is on for 1 second with alarm sound.
- HV indicator light: when the light is on, it means there is some output voltage, that is, after pressing "Start", HV indicator light is on and the instrument enters the test state.
- Voltage regulation knob: adjust the knob to change voltage value to be measured, turn clockwise to boost voltage, otherwise to reduce it.
- Power switch: to connect/disconnect power supply.
- AC/DC switch: the readings of AC/DC switch refer to AC/DC voltage values.
- Current cut-off knob: turn "Set/Test" switch to "Set" position, turn current cut-off knob to set value between 0.5~20mA.
- Set/Test switch: press the button to display preset value on the ammeter, release to display actual current passing through the test object.
- Time control dial: to select preset time, increase/decrease the time by 1 second based on "0" and "1" on the dial. The max. value can reach 99.
- Time control switch: turn the switch to "ON" position, and time controller is activated.
- "Start" button: press to produce high voltage output.
- "RST" button: press to cut off test voltage. Note: if there is only AC current or DC current, AC/DC switch is not available.

#### Specification

Power supply	AC 220V±10%, 50Hz±5Hz
Output voltage	AC/DC: 20KV

Cut-off current	AC/DC: 0.5~20mA
Output voltage accuracy	$\pm 5\% \pm 3$ digits
Cut-off current accuracy	$\pm (5\% \pm 0.1\text{mA})$
Measurement time	0~100s
Working conditions	Temperature: 0~35°C Humidity: $\leq 80\%RH$ Pressure: $\leq 86\text{KPa} \sim 106\text{KPa}$

#### Accessories

Main unit	1 set
Power cord	1 piece
Aviation cable	1 piece
HV test line	1 piece
LV test line	1 piece
User's guide	1 copy
Packing list	1 copy
Warranty card	1 copy
Factory test report	1 copy