



## GDYZ-30W Zinc Oxide Surge Arrester Tester



### Product Description

GDYZ-30W zinc oxide lightning arrester tester, which integrates DC HV power supply, measurement system and control system, is designed to test inner insulation flaw caused by poor contact of no gap MOA valve plates in power system 10kV and below. As per *Preventive Test Code for Electric Power Equipment DL/T596-1996: Clause 14.2*, it is required for power plants and substations to detect leakage current under DC 1mA ( $U_{1mA}$ ) and 0.75  $U_{1mA}$  for metal oxide arrester annually.

### Features

- Ambient temperature is acquired and recorded as test results automatically.
- Remote control test is done via remote controller, making test more safe, convenient and quickly.

- Convenient to use. Intuitive display, easy to replace print paper, with high print speed.
- Accurate measurement, fully digital processing, built-in mathematical model, with high accuracy and good repeat-ability.
- Up to 50 groups of data can be stored, viewed and printed.
- Portable design, size and weight are 30%~70% smaller than its counterpart.
- General functions are available, such as temperature measurement, system clock and print.

### Specification

|                         |   |
|-------------------------|---|
| Measurement range       | Voltage: 6~30kV; ripple coefficient $\leq$ 1.5%;current: 0~1000 $\mu$ A               |
| Resolution              | Current: 0.5 $\mu$ A, voltage: 0.1 kV   |
| Power supply            | AC220V;<br><br>Battery operated, charging time 2-3 hours, service life $\geq$ 4 hours |
| Charging voltage        | AC100V~240V   |
| Frequency               | 50 $\pm$ 1Hz  |
| Remote control distance | 100m  |
| Ambient temperature     | $\leq$ 85% (at 25°C)  |
| Altitude                | <1000m  |

## **Accessories**

|                              |         |
|------------------------------|---------|
| Main Unit                    | 1 piece |
| Power cord                   | 1 piece |
| Test line                    | 1 piece |
| Remote controller (optional) | 1 piece |
| Print paper                  | 1 roll  |
| User's guide                 | 1 copy  |
| Warranty card                | 1 copy  |
| Packing list                 | 1 copy  |
| Factory test report          | 1 copy  |