



GDJW-40B Wireless Insulator Tester



General Information

GDJW-40B wireless insulator tester is used for testing distributed voltage of live suspended insulators and suspended insulators in the laboratory, testing the distributed voltage of suspended insulators in the laboratory. It can effectively find hidden faults inside the insulators, improve the reliability of power grid system operation, and improve the working efficiency of operator to carry out live testing.

This product adopts wireless transmission technology. The communication distance between detector and hand-held terminal can reach over 100m, making the

measurement process safe, reliable, fast and accurate. In addition, its strong anti-interference ability fully meets the EMC standard, suitable for various electromagnetic interference occasions.

Features

- With multiple mode, more applicable, more safe and convenient;
- Universal joint design, measurement direction can be adjusted flexibly according to the hanging position of insulator string;
- Double-shielding, strong anti-interference ability fully meets EMC standard;
- Unique man-machine interface, simple to operate.

Specification

Working voltage	35 - 1000kV (applicable for different voltage grades)
Voltage measurement range	0 - 40kV (can be customized)
Measurement error	$\leq \pm 1\%$
Resolution	0.01kV
Sampling rate	10 times/second
Working current	$\leq 120\text{mA}$ (for hand-held terminal), $\leq 40\text{mA}$ (for detector)

Power supply	2pcs 1.5V AA size dry battery (for hand-held terminal) 2pcs 1.5V AAA size dry battery (for detector)
Working time	More than 12 hours (continuously)
Line-of-sight propagation distance for detector and handheld terminal	≤100m (with full power)
Display	LCD display, legible in the sunlight.
Working temperature	-35°C~+60°C
Storage temperature	-40°C~+65°C
Relative humidity	≤ 90%RH (no condensing)