

# HTJC-W Wireless Insulator Voltage Distribution Detector



## I. Introduction

The instrument used to test the charged suspension insulators or laboratory testing suspension insulator, can effectively find hidden faults inside of insulator, improve the reliability of power system operation and improve the efficiency of charged testing for workers

## II. Features

1. Operating voltage: 0 ~ 1000KV, different voltage levels are applicable
2. Date and time setting: adjust date and time, it is convenient for user to browse, view historical data
3. Backlight time setting: Always light on; always light off; among 0 to 999 minutes can be set by you own
4. Automatic shutdown setting: Never, 0 to 999 minutes can be set by you own
5. The transmission distance between handset and detector is  $\leq 100\text{m}$
6. Multi-mode design, applicability stronger, safer, and more convenient
7. Universal joint design, according to the hanging position of the insulator strings, can flexibility adjust the measuring direction
8. Double shielding, strong anti-interference, in full compliance with EMC standards
9. Unique interactive interface, easy to operate

## III. Parameters

Measuring voltage range	0~40kV (Special voltage can be customized)
Measurement error	$\leq \pm 1\%$
Resolution	0.01kV
Sampling rate	10 times /seconds
Working current	$\leq 120\text{mA}$ (handset) , $\leq 40\text{mA}$ (detector)
Power supply	two 1.5V 5AA batteries (handset)
	two 1.5V 7AA batteries (detector)
Continuous working hours	$\geq 12\text{hours}$
The transmission distance between handset and detector	$\geq 100\text{m}$ (full charge)
Display	LCD display screen
Working temperature	$-35^{\circ}\text{C} \sim +60^{\circ}\text{C}$
Storage temperature	$-40^{\circ}\text{C} \sim +65^{\circ}\text{C}$
Relative humidity	$\leq 90\% \text{RH}$ non-condensing

#### IV. Accessories

