HF-LT-304

Live Insulator Resistance Tester



This Live Insulator Resistance Tester realizes on-site resistance measurement of line insulators without power cut. It identifies low-resistance and faulty insulators efficiently, eliminating hidden risks such as flashover and ensuring stable power grid operation.

Key features

- DL/T596-2021 Preventive Test Code for Electric Power Equipment
- DL/T626-2015 Code for Testing Deteriorated Suspension Insulators
- Voltage level 500kV and above: Insulators with resistance below 500 Mohm are defined as deteriorated insulators.
- Voltage level below 500kV: Insulators with resistance below 300 Mohm are defined as deteriorated insulators.

Technical specifications

Parameter	Value
Application	35-500 kV overhead transmission lines, cap-and-pin suspension insulators - live-line or de-energised
Measurement range	10-2500 Mohm
Accuracy	±10%
Display	LCD
Power supply	3.6 V rechargeable lithium battery
Continuous operation	≥ 7 hours
Standby time	30 hours
Operating temperature	-25 °C to +40 °C
Operating humidity	≤ 75 % RH
Operating pressure	86-106 kPa
Storage temperature	-40 °C to +55 °C
Storage humidity	≤ 90 % RH
Storage pressure	86-106 kPa
Weight	260 g
Dimensions	165 × 120 × 30 mm
Reference standard	Q/HDSLE001-2003 (manufacturer enterprise standard)

Standard scope of supply

No.	Item	Qty	Notes
1	Main Transmitter Unit	1 Pcs	
2	Handheld Wireless Receiver	1 Pcs	
3	Charger for Transmitter & Receiver	1 Set	
4	Connection Fittings for Insulated Hot Stick	1 Set	
5	USB Data Cable	1 Pcs	
6	Operation Manual (Chinese & English)	1 Copy	
7	Factory Calibration Certificate	1 Copy	

Specifications are taken from the published product data and are subject to change without notice. Confirm critical parameters at the time of order.

No.	Item	Qty	Notes
8	Portable Carrying Case	1 Pcs	

Compliance and documents

Applicable standards	[TO BE CONFIRMED] standard applied to this model
Calibration certificate	[TO BE CONFIRMED]
Optional accessories	[TO BE CONFIRMED]

Warranty and support

12-month warranty on every exported instrument. English operation manual and remote video guidance at commissioning. T/T, L/C at sight and deposit terms for bulk orders; sea, air or rail shipping.

Specifications are taken from the published product data and are subject to change without notice. Confirm critical parameters at the time of order.