HF-LT-302

Insulator Salt Density Tester



This Insulator Salt Density Tester accurately measures equivalent salt deposit density on power insulators. It evaluates surface contamination grades, guides cleaning schedules and effectively prevents pollution flashover on overhead transmission lines.

Key features

- GB/T 26218.1 Selection and dimension determination of high-voltage insulators under polluted conditions - Part 1: Definitions, general principles
- GB/T 4585 Artificial pollution test on high voltage insulators for AC systems
- Q/GDW 1152.1 Standard for classification of pollution regions and selection of external insulation - Part 1: AC systems

Technical specifications

Parameter	Value
NSDD Measuring Range	0.01-4.5 mg/cm^2
ESDD Measuring Range	0.01-3.0 mg/cm^2
Conductivity Measuring Range	0 ~ 20000 uS/cm
Temperature Measuring Range	0-60°C
ESDD Accuracy	±1%
NSDD Accuracy	±2%
Temperature Accuracy	±0.1°C
Conductivity Resolution	0.01 uS/cm
Display Screen	5-inch 800×480 touch screen
U Disk Storage	16GB
Power Supply	Charger: AC220V to 8.2V/2A Built-in Battery: 7.4V, 7.8Ah lithium battery
Ambient Temperature	-5°C ~ 45°C
Relative Humidity	≤85%
Overall Dimension	420×360×195 mm
Instrument Weight	6.5 kg
Analysis Software	Windows client data management software

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.