HF-WC-609

Isolator Contact Pressure Tester



This portable Isolator Contact Pressure Tester measures high-voltage isolator contact closing pressure accurately up to 1000N. It runs on built-in lithium battery, works in wide ambient conditions, features safe insulation and customizable ranges for substation field maintenance.

Technical specifications

Parameter	Value
Ambient temperature	-10 °C ~ 40 °C
Relative humidity	≤ 80% RH
Atmospheric pressure	86 kPa ~ 106 kPa
Built-in lithium battery; Power consumption	≤ 20 W
Measuring range	≤ 1000 N
Accuracy error	≤ 1% of reading ±1 N
Standard range	20 mm ~ 150 mm;
Sensor signal cable length	10 m
Insulation resistance	> 2 Mohm
Dielectric strength	Withstand AC power frequency voltage of 1.5 kV between power circuit and equipment enclosure for 1 minute, no flashover or arcing shall occur.

Standard scope of supply

No.	Item	Qty	Notes
1	Main Tester Host	1 Set	
2	Pressure Sensor with 10m Signal Cable	1 Set	
3	Special Lithium Battery Charger	1 Pc	
4	Operation Manual (English Version)	1 Copy	
5	Calibration Certificate	1 Copy	
6	Hard Shockproof Carrying Case	1 Pc	
7	Accessory Bag	1 Set	

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.