

HF-T-608

Transformer Bushing Monitoring



This transformer bushing monitoring system delivers real-time, high-accuracy data tracking. It resists strong substation interference and enables zero-blind-spot fault monitoring with low maintenance.

Key features

- Working Power Supply: 220 VAC ±10%, 50 Hz
- Field Transmitter Rated Power: 5 W minimum
- Sampling Interval: 5 minutes or shorter; users adjust this value freely
- Communication Interface: RS485 or RJ45 Ethernet

Technical specifications

Parameter	Value
Active component of leakage current	Shows power loss inside insulation and directly reflects insulation degradation
Dielectric loss factor (tanδ)	Quantifies insulation aging, moisture ingress and insulation deterioration
Equivalent capacitance (C)	Detects internal faults such as breakdown of capacitor screens
Capacitive Equipment (Transformer Bushing)	Dielectric Loss Factor % 0.001 ~ 0.3 ±(1% of reading + 0.001)
Capacitive Equipment (Transformer Bushing)	Equivalent Capacitance pF 100 ~ 50000 ±(1% of reading + 1 pF)
Capacitive Equipment (Transformer Bushing)	Total Tap End Current mA 2 ~ 200 ±(1% of reading + 0.1 mA)
Bus Voltage	Measuring Range kV 35 ~ 1000 ±0.5%

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.