

HF-TC-639

Interfacial Tension Tester



This interfacial tension tester precisely detects interfacial tension of transformer insulating oil. It helps judge oil aging degree, supports routine substation testing, featuring stable performance, simple operation and reliable test data for power industry maintenance.

Technical specifications

Parameter	Value
Measuring Range	2 ~ 200 mN/m
Sensitivity	0.1 mN/m
Accuracy	0.1 mN/m
Resolution	0.01 mN/m
Repeatability	0.3%
Operating Temperature	10 ~ 30°C (Typical: 25°C)
Ambient Humidity	(20 ~ 75)%RH
Power Supply	AC 220V±5%, 50Hz
Power Consumption	20VA
Overall Dimension	185×260×360 (mm)
Instrument Weight	15kg

Standard scope of supply

No.	Item	Qty	Notes
1	Main Unit of Interfacial Tension Tester	1 Set	Core testing equipment
2	Platinum-Iridium Ring (Test Ring)	1 Piece	Core testing accessory
3	Sample Vessel	1 Set	For liquid sample testing
4	Power Cable	1 Piece	For power supply connection
5	Operation Manual	1 Copy	Full operation & maintenance guidance
6	Certificate of Calibration	1 Copy	Official calibration data report
7	Packaging Foam & Wooden Case	1 Set	For long-distance transportation protection

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.