

HF-TC-637

Oil Acidity Tester



The Oil Acidity Tester detects the acid value of transformer oil and turbine oil. It reflects the oxidation aging status of oil samples, assesses potential corrosion risks, and provides experimental data for power equipment preventive maintenance.

Key features

- Power plants & substations: Preventive testing of in-service transformer oil, turbine oil
- Oil quality inspection laboratories: New oil incoming acceptance
- Petrochemical & lubricant manufacturers: Product quality control
- Commodity inspection & scientific research institutions
- Power maintenance companies: Oil aging monitoring before filtration and regeneration

Technical specifications

Parameter	Value
Linear Range	0.001 ~ 0.900 mgKOH/g
Correlation Coefficient	0.999 ~ 0.9998
Recovery Rate	98 ~ 103%
Minimum Resolution	0.001 mgKOH/g
Repeatability	2 ~ 5% (RSD)
Measurement Accuracy	Acidity 0.001~0.100 mgKOH/g: ±0.003 mgKOH/g Acidity 0.100~0.900 mgKOH/g: ±2~5% of reading
Display	Large touch color LCD screen (full Chinese display)

Standard scope of supply

No.	Item	Qty	Notes
1	Oil Acidity Tester Main Unit	1 Set	Model HD-2888
2	Test Beaker & Sample Holder Assembly	1 Set	
3	Power Cable	1 Piece	AC220V
4	Titration Accessories	1 Set	Consumable parts
5	Operation Manual (Chinese & English)	1 Copy	
6	Calibration Certificate	1 Copy	
7	Shockproof Transport Case	1 Piece	

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.