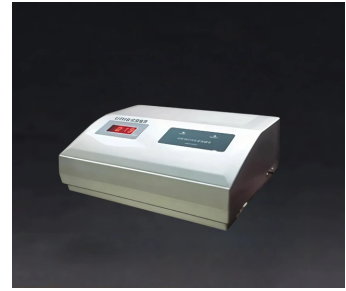


HF-TC-641

Oil Iron Content Tester



This Oil Iron Content Tester accurately measures the concentration of iron particles in lubricating oil, hydraulic oil and transformer oil. It effectively monitors mechanical abrasive wear, supporting equipment condition monitoring and regular oil health analysis in laboratories and on-site applications.

Key features

- Ultra-fast measurement. It generates test data within seconds after sample loading, suitable for high-volume sample testing.
- Simple operation. Operators can master the instrument within minutes without professional training.
- On-site testing available. Compact, small-size and vibration-resistant design supports rapid detection under harsh field conditions.
- Compatible with diverse samples. It analyzes ferrous content in mineral oils, synthetic oils, hydraulic oils, gear oils and lubricating greases.
- Safe & eco-friendly. No sample pretreatment or cleaning solvents required. It causes no health hazards to operators.

Technical specifications

Parameter	Value
Measurement Sensitivity	Minimum 1 mg/L
Maximum Concentration Range	20,000 mg/L
Ferrous Debris Size	Greater than 1 um
Sample Volume	2 ml per test
Operating Temperature	10°C ~ 55°C
Power Supply	220V or built-in battery
Dimensions	90×240×150 mm
Weight	1.8 kg

Standard scope of supply

No.	Item	Qty	Notes
1	Main Unit of Oil Iron Content Tester	1 Set	Automatic PQ ferrous wear meter
2	Power Adapter	1 Piece	For mains power supply
3	Built-in Rechargeable Battery	1 Set	For field detection
4	Pipette	1 Set	For oil sample extraction
5	Sample Vials	10 Pcs	Containing oil samples
6	Operation Manual	1 Copy	Operation and maintenance guide
7	Calibration Certificate	1 Copy	Instrument calibration document
8	Shockproof Foam & Export Carton	1 Set	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.