

The Portable Quick Oil Analyzer OA861 is 6-in-1 analyzer for detecting viscosity, density oil quality, water activity, moisture content and temperature of oil sample

It features a 5-inch touch screen display and a rechargeable lithium battery that supports up to 4 hours of operation. It includes a heating device capable of maintaining oil samples at a constant temperature of up to 100°C for viscosity analysis.

The OA861 enables quick on-site oil analysis and offers the convenience of on-site printing of test result records. Designed for durability, the portable suitcase is user-friendly, convenient, and easy to operate.



## FEATURES

- 6-in-1 sensor
- All functions display on the touch screen
- Measures the oil viscosity, density, temperature, dielectric constant, moisture, micro-moisture etc
- High strength structure: can be used for high pressure and high velocity environment
- Special designed corrosion and pollution resistant coating, good for wet parts

## TECHNICAL SPECIFICATION

Test Time	15 Seconds	
Oil sample volume	≥10ml	
Viscosity	1~500cSt	Accuracy: ±5~8%
Density	600~1250kg/m <sup>3</sup>	Accuracy: ±2%
Oil Quality(Dielectric constant)	1-6 level	Accuracy: ±5%
Temperature	0~100°C	Accuracy: ±0.5°C
Water content	0-20%	Accuracy: ±0.5%
Water activity (AW)	0~1 aw	Accuracy: ±0.03AW
Moisture content	0-2000 ppm	Accuracy: ±10% or 10ppm
Working hours	Built-in batteries for 3~4 hours working	
RS232 port	Modbus RTU communication protocol	
USB port	Export test records, software update	
Storage	32G memory, can store 100K records	
Dimension	387 x 289 x 104 mm	
Weight	3 KG	
Standard accessories	Host, 6-in-1 sensor, heating device, power adaptor	