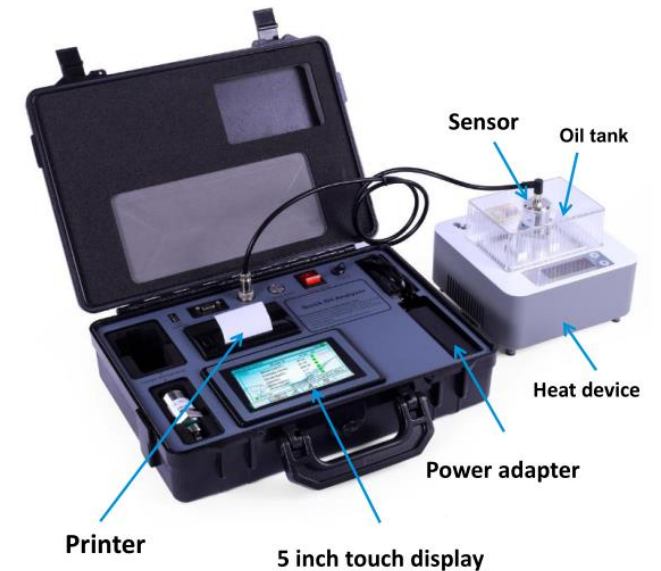# Quick Oil Analyser

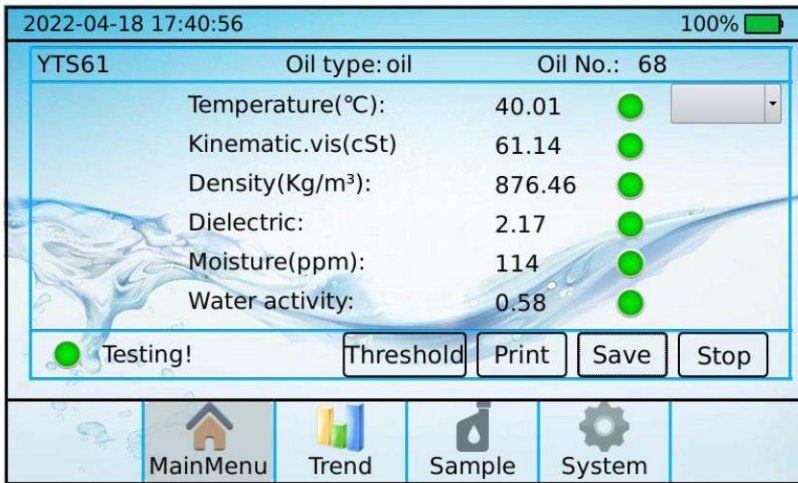**Introduction :**

The Portable Quick Oil Analyser is equipped with a 5 inch touch screen display and rechargeable lithium battery for four hours of continuous work. The heating device maintains the oil samples at a constant temperature of 100°C for viscosity analysis. The Portable Quick Oil Analyser can be used on site for analysis with an on-board printer.

Features :

Test duration	:	15 seconds		
Oil sample volume	:	≥10ml		
Test parameters	:	Viscosity	:	1~500cSt, Accuracy: 5~10%
		Density	:	600~1250kg/m³, Accuracy: ±2%
		Oil Quality (Dielectric constant)	:	1-6 level, Accuracy: ±5%
		Temperature	:	0~100°C, Accuracy: ±0.5°C
		Water activity (aw) (optional)	:	0〜1 aw, Accuracy: ±0.03aw
		Water content (optional)	:	0〜20%, Accuracy: ±0.5%
		Moisture content (optional)	:	0-2000 ppm, Accuracy: ±10% or ±10ppm whichever is greater
Battery run time	:	3 – 4 hours		
Built-in printer	:	Uses heat sensitive paper rolls		
Interface display	:	Main menu	:	test results, upper / lower settable limits, start test, test report, print
		Trend	:	change trend of each parameter over a period of time, export results
		Sample	:	label oil sample, oil sample management
		System	:	time, software update, shutdown
RS232 port	:	Modbus RTU protocol		
USB port	:	Export test records and perform software updates		
Storage	:	32G memory, stores 100 000 records		
Power supply	:	DC 25.2V, 2A		
Dimensions	:	387 x 289 x 104mm		
Weight	:	3Kg		

Sensor, Oil tank, Heat device, Power adapter, 5 inch touch display, Printer

Test results:
On-site printing
USB export
PC connection

Typical Applications

» Predictative maintenance & On-site engineering service
» Hydraulic equipment & system manufacturers
» Military equipment applications
» Research & testing institutes
» Offshore & power generation
» Construction machinery
» Industrial plant
» Marine