

YOT

Quick Comprehensive Oil Analyzer



Introducon:

Quick Comprehensive Oil Analyzer YOT can easily, quickly and stably measure the pollution degree of the lubricating oil, as well as the viscosity, density, temperature, dielectric constant, and moisture content of the lubricating oils. Use a low-cost and simple operate to realize scientific oil change according to quality, prolong the use time of lubricating oil, detect equipment failures early, and avoid major losses.



Highlights:

1. Easy operate by using the touch screen
2. Real-time display, print and storage of test results
3. Support analysis historical data and export data
4. User-friendly, and anti-corrosion and anti-pollution coating design, easy for daily maintenance
5. Built-in software program can real-time analysis on test data
6. Stable on testing performance and reliable on long time using
7. Intelligent temperature system to keep oil viscosity at 40°C, precisely showing you the viscosity for comparison with international standard viscosity value.



Models

YFJ-4



YPM-1



YTS-M-1



YTS31
YTS41



YTS61



YTS-D-1



YTS-W-1



Models

Model No.	Composition	Parameters
YOT-V2J3	YTS31+YFJ-4 (40°C temperature control system)	Density + Viscosity + Pollution degree(NAS1638/ISO4406) particle size:1-100um
YOT-V3J3	YTS41+YFJ-4 (40°C temperature control system)	Density + Viscosity + Pollution degree(NAS1638/ISO4406) particle size:1-100um
YOT-F2J3	YTS-D-1+YFJ-4	Oil quality + Pollution degree(NAS1638/ISO4406) particle size:1-100um
YOT-W2BJ3	YTS-W-1+YFJ-4	Water content(0-20%) + Pollution degree(NAS1638/ISO4406) particle size:1-100um
YOT-W2AJ3	YTS-M-1+YFJ-4	Moisture content(0-200ppm) + Pollution degree(NAS1638/ISO4406) particle size:1-100um
YOT-VW6J3	YTS61+YFJ-4 (40°C temperature control system)	Density+Viscosity+Wate acitivity+Moisture content(0-200ppm) + Oil Quality+ Pollution degree(NAS1638/ISO4406) particle size:1-100um
YOT-V2M8	YTS31+YPM-1 (40°C temperature control system)	Density + Viscosity + Wear debris(Fe particles: 250-300 um; >300um; Non-Fe particles: 450-600um; >600um
YOT-V3M8	YTS41+YPM-1 (40°C temperature control system)	Density + Viscosity + Oil Quality Wear debris(Fe particles: 250-300 um; >300um; Non-Fe particles: 450-600um; >600um
YOT-F2M8	YTS-D-1+YPM-1	Oil Quality + Wear debris(Fe particles: 250-300 um; >300um; Non-Fe particles: 450-600um; >600um
YOT-W2BM8	YTS-W-1+YPM-1	Wate content(0-20%) + Wear debris(Fe particles: 250-300 um; >300um; Non-Fe particles: 450-600um; >600um
YOT-W2AM8	YTS-M-1+YPM-1	Moisture content(0-2000ppm) + Wear debris(Fe particles: 250-300 um; >300um; Non-Fe particles: 450-600um; >600um
YOT-VW6M8	YTS61+YPM-1 (40°C temperature control system)	Density+Viscosity+Wate acitivity+Moisture content(0-200ppm) +Oil Quality + Wear debris(Fe particles: 250-300 um; >300um; Non-Fe particles: 450-600um; >600um

Application

Suitable for testing on hydraulic oil, gear oil, turbine oil and various lubricant oils etc. it can be applied in Steel, shield machine, cement, wind power, aviation, railway, electric power, shipping, petrochemical, metallurgy and other engineering machinery industry and laboratory analysis.;

Parameters

Screen	7 inch LCD touch display
Contaminants and pollution degree	NAS1638 and ISO4406 standard
Particle size range	1-100um (oils viscosity can up to 320cSt)
Accuracy	±1 pollution level
Physical parameters	
Density range	600 kg/m ³ ~1250 kg/m ³ ; Accuracy: 2% or 5kg/m ³ (Take the larger value)
Viscosity(cSt)	1~500cSt; Accuracy: 5% or 1mPa·s(Take the larger value)
Water activity (aw) range	0~1 aw ; Accuracy: 0.3%
Oil Quality(Dielectric constant)	1-6 level ; Accuracy: 5%
Power supply	AC220V/50Hz
Working hours	3hours (Built-in rechargeable battery pack(2 sets)
Built-in-printer	Instantly print test report
Size	380*300*172mm
Weight	9.5kg