

YOT Quick Comprehensive Oil Analyzer



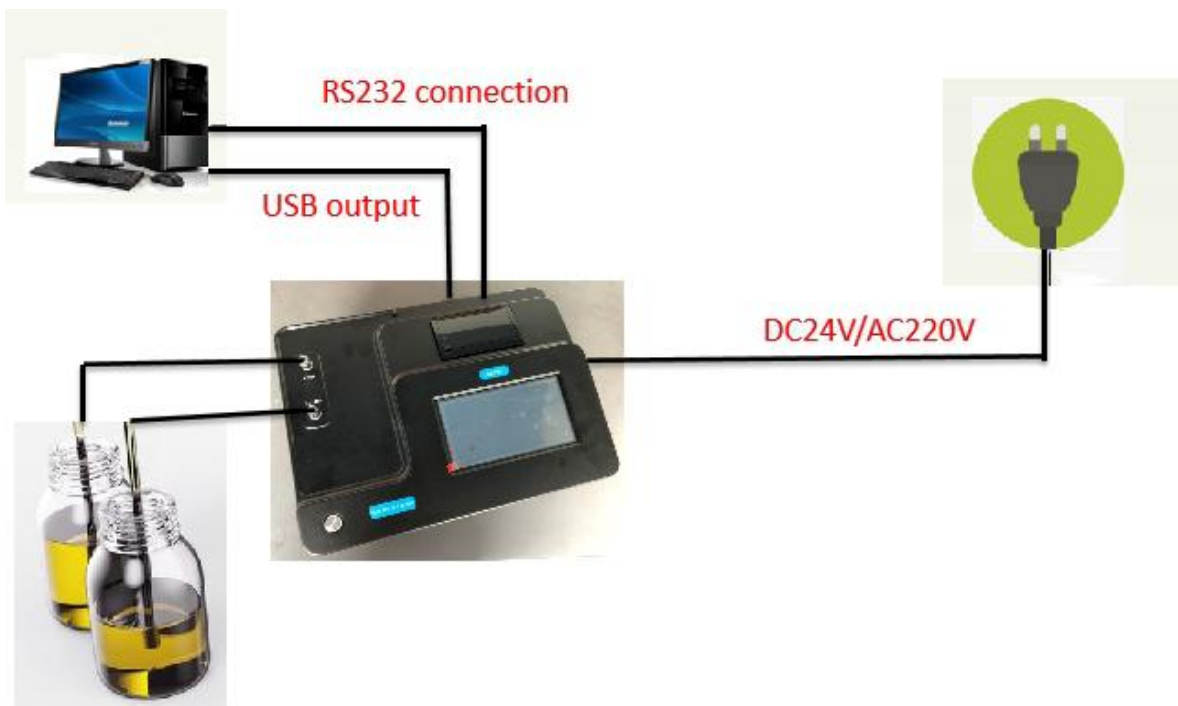
Introducon:

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 |