

ASTM D2272 RPVOT: Rotating Pressure Vessel Oxidation Test

ASTM D4742 TFOUT: Thin Film Oxygen Uptake Test

ASTM D942: Grease Oxidation Stability Test

IP 299

Chinese SH/T0193

Pasol Oxidation Stability Analyzer utilizes an oxygen pressured dry vessel to evaluate the oxidation stability of new and used oils in the presence of water and a copper catalyst coil up to 200°C according to ASTM D2272, D2112, D4742, D942 and IP229 standards.

As oxidation in an oil, such as lubricating, hydraulic, pump and other oils, is one of the main causes of mechanical malfunction, Pasol Analyzer enables viewing the possible and remaining life time of oils to prevent machinery failure.

Features

- Windows based Touch Panel IPC to control and monitor all the operation without the need of an external PC.
- Real time monitoring of sample temperature during the analysis (standard)
- Method creation and selection directly from the device software
- Front and rear USB ports to transfer all records to flash drive or PC
- Ethernet connection port to link up to 12 instruments
- Last generation user-friendly software for all operational controls
- Automatic calculation of required oxygen pressure amount prior to analysis
- Automatic report creation with all analysis parameters including the sample temperature and graph data
- Automatic pressure regulation prior to the analysis
- Direct monitoring of latest 100 analysis including graph data
- Automatic report transfer to USB environment after analysis
- Over temperature and over pressure interlocks
- Temperature selection of °C or °F
- Display pressure in bar/psi/Kpa
- Real time graph monitoring
- Automatic graph record after the analysis in jpeg format
- Chiller connections for rapid cooling (standard)
- Automatic termination of analysis according to user selection
- Easy accessible analysis chamber
- Stand-alone unit with small footprint
- Automatic venting of hazardous gases
- Internal insulated stainless steel chamber
- Magnetic rotation of internal cylinder
- Easy dismountable sample cups

Accessories

- Pre-prepared copper wire catalysts coil in vacuum sealed containers
- Silicon carbide paper 100 grit

Spare Parts

- Glass containers according to test
- Grease analysis test kit
- Chamber cover in PTFE with sample temperature probe
- Container centering made in PTFE
- O-Ring for chamber cover



Applications

- Turbine Oils
- Fresh Oils
- In-Service Oils
- Insulating Oils
- Engine Oils
- Grease



Technical Specifications

Monitoring	Real time pressure & temp.
Test chamber	Stainless steel dry vessel
Max. temp.	200°C
Rotation	Magnetic contactless stirrer
Temp. precision	0.01°C
Time detection	0.1 s
Data transfer	USB & Ethernet
Weight	40 Kg
Dimensions	30 x 50 x 80 cm
Power	220 VAC - 50 Hz