



OXIDATION STABILITY **BY ROTATION PRESSURE VESSEL**

STANDARDS CONFIRMED TO :

The instrument confirms to various national and international standards like ASTM D-2272, 2112, 4742, IS:1448(P-65), 1P-229

APPLICATIONS :

For Oxidation Stability of Steam Turbine Oils, Mineral turbine Oils, Gasoline Automotive Engine Oils, Inhibited Mineral Insulating Oils.

SPECIFICATIONS :

Temp. Range : Amb. To 200°C
Temp. Resolution : 0.1°C Accuracy : $\pm 0.1^\circ\text{C}$
Pressure vessel : Max. Up to 35kgf/cm²
Carriage Speed : 100 ± 5 RPM at an angle of 30°
Operating conditions : Max : 50°C and 80% RH

Non-condensing.

Construction : S.S 304 bath, with outer of C.R. Sheet powder coated.

Bath Volume : 40 - 130 Ltr.

Power : 230V AC 1 ph

Load : 3-6 Kw.

Built in Stirrer with carriage. Reduces power consumption and maintenance

MODELS :

* Single/Double/Triple/Four Test systems -

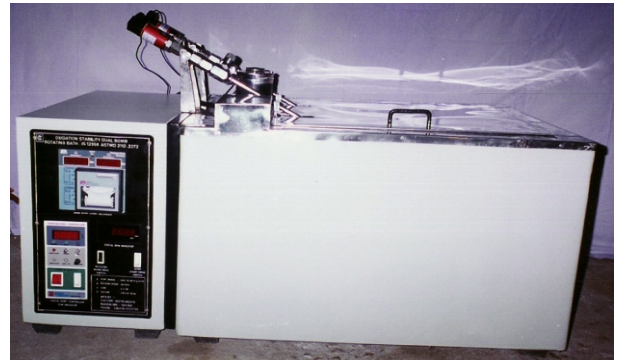
A. Manually Operated

B. Semi-Automatic

C. Fully Automatic

Feature of SEMI-AUTOMATIC SYSTEM :

1. Digital PID Based Control
2. Digital Temperature and Pressure recorder with PC interface.
3. Digital RPM Indicator for monitoring Carriage speed.
4. Quick release coupling for pressure charging



SEMI-AUTOMATIC MODEL



DUAL TEST MODEL



FULLY AUTOMATIC SYSTEM

Capabilities and Advantages of Automatic system :

Touch Screen Based friendly User Interface

Automatic End point Detection and recording of pressure and temperature. Suitable for both RPVOT and TFOUT tests.

User selectable Pressure and Temperature Units

User Selectable Test Method : Induction/TFOUT/Time base

Various alarms, cutoffs and indications have been provided to ensure reliability of results as per the standard with minimum manual intervention

The system can be Connected to your LAN and operated and monitored from any where, giving you seem less access.

No special software required to be installed.

Automatic charging of Test Vessel with temperature compensation.

The System can be expanded to handle 12 stations.

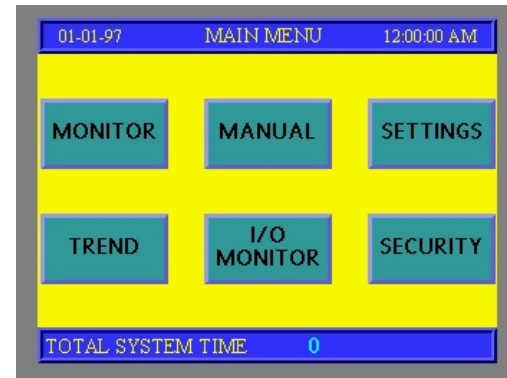
Provision for Pressure and Temperature Calibration

Non Rotating, coupling for pressure transducer

Quick Release coupling for pressure charging



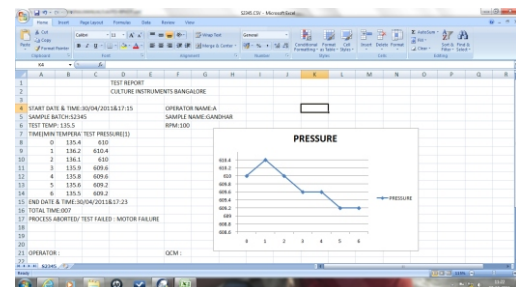
Basic Operating Screen



Basic Screen

SPARES & OPTIONAL ACCESSORIES

- A. SS Pressure Vessel
- B. Glass Test Vessel
- C. 'O' rings
- D. Pressure Transducer for Recording
- E. Pressure Transducer for charging
- F. Spare Heater set
- G. Copper Catalyst
- H. Stand for Bath and Control system.
- I. Pressure Gauge.



MExcel based Reporting

DUE TO CONTINUOUS DEVELOPMENT, DESIGNS AND SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.



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