

APPARATUS FOR THE DETERMINATION OF OXIDATION STABILITY OF INHIBITED MINERAL INSULATING OILS, STEAM TURBINE OILS (RPVOT) AND GASOLINE AUTOMOTIVE ENGINE OILS (TFOUT) ASTM D 2112 - D 2272 - ASTM D 4742

The apparatus consists of a benchtop case hosting a stainless steel tank with two independent motors for the rotation of the vessels equipped with rotating heads with electronic pressure transducers. The 8.4" Panel Pc with touch screen interface on the front permits to control the instrument, insert test data, show pressure and temperature on graphs, save and retry test reports that can be printed by connecting a printer via the USB or Ethernet ports available on the back.



- Enamel finished steel case, benchtop version.
- Stainless steel tank. Capacity: 70 liters.
- Stainless steel top cover.
- One support rack for the vessels.
- Electric stirrer to ensure temperature uniformity.
- Microprocessor controlled thermoregulator with PID action and built-in digital display 0.1 °C accuracy. Probe: Pt100 RTD. Working range: from ambient to 170°C. Regulation accuracy: $\pm 0.1^{\circ}\text{C}$.
- Stainless steel heaters, SSR controlled.
- Independent motor for each vessel, inverter controlled.
- Safety devices against overheating and low level.
- 8.4" touch screen interface that permits to control the instruments, start tests, show pressure and temperature on a graph, save and retry data, perform diagnostic and calibration. Pressure can be shown both in kPa or psi.
- N° 2 USB + n° 1 Ethernet + n° 1 RS-232 ports for connection to printers, network etc.
- English written user manual. CE marked.
- For 220 V/50 Hz connections: 4000 W power consumption.

AD2272-500 Apparatus. Dimensions: 750 x 750 x 980 mm. Weight: 150 kg

ACCESSORIES

AD2272-A00 Rotating vessel, AISI 316 stainless steel
AD2272-A01 Table support with swivelling castors
PRN01 Printer
CAL001 PT100 simulator
CAL003 Official Certificate for Pt100 simulator

CONSUMABLES

AD2272-C00 Gasket for vessel
AD2272-C02 Glass sample container for ASTM D 2112 and D 2272
AD2272-C03 PTFE disc
AD2272-C04 Set of n°10 copper coils for ASTM D 2112 and D 2272
AD2272-C05 Spring
AD4742-C00 Glass sample container with PTFE disc for ASTM D 4742
AD4742-C01 Aluminium spacer
TA037C-N00 IP 37C thermometer (+144°C/+156°C)
TA102C-N00 ASTM 102C thermometer (+123°C/+177°C)

Specifications may vary without notice.

The apparatus includes the items listed aside the picture, accessories etc. should be purchased separately.



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