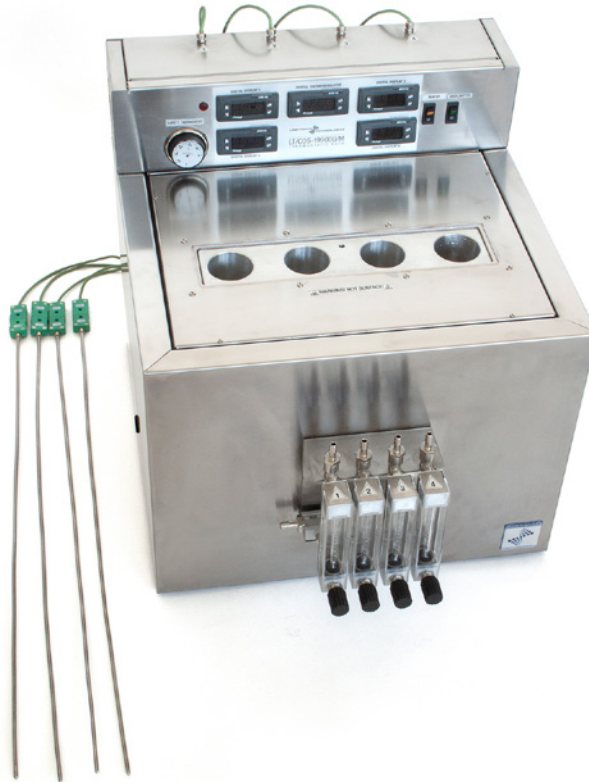




Corrosiveness and Oxidation Stability Bath



ASTM D4636 ASTM D6594

Corrosiveness and Oxidation Stability of Hydraulic Oils, Aircraft Turbine Engine Lubricants and Other Highly Refined Oils.

This test method is used to test hydraulic oils, aircraft turbine engine lubricants, and other highly refined oils to determine their resistance to oxidation and corrosion degradation and their tendency to corrode various metals.

Petroleum and synthetic fluids may be evaluated using moist or dry air with or without metal test specimens.

Evaluation of Corrosiveness of Diesel Engine Oil at 135°C.

This test method covers testing diesel engine lubricants to determine their tendency to corrode various metals, specifically alloys of lead and copper commonly used in cam followers and bearings.

LT/COS-199000/M

Corrosiveness and oxidation stability bath, manual instrument composed by:

- Bench top instrument fully made in stainless steel with double chamber insulation
- Heating block made in aluminium with 4 holes/positions,
- Range of temperature: ambient +10° up to +400°C
- Digital thermo-regulator with 0.1°C resolution and PT100 sensor for bath temperature, over-temperature alarm and safety thermostat.
- Stainless steel heaters with PID control system
- 4 × Digital displays for independent sample temperature with thermocouple type K
- 4 × independent flowmeter able to regulate the flow from 1.6 to 16 Lt/h for each position

Power supply

- 220 or 115 Vac 50 Hz

Accessories

- LAB-101-991, glassware set that include 1 of each of:
 - air tube of 6 mm
 - sample tube
 - sample tube head
 - Allihn condenser 300 mm
- LAB-101-992/W: washer shaped specimens ASTM D4636 (composed by 7 pcs.)
- LAB-101-992/S: square shaped specimens ASTM D4636 (composed by 5 pcs.)
- LAB-101-441/L: silicon carbide paper 240 grit, pack of 100 pcs.
- LAB-101-441/O: silicon carbide grains 150 mesh, pack of 1 kg
- LAB-101-441/Q: silicon carbide paper 400 grit, pack of 100 pcs.
- T-AS95C: thermometer ASTM 95C

Spare Parts

- LAB-101-991: glassware
- LAB-101-992: test wire Federal
- LAB-101-994: catalyst wire Federal 5321
- LAB-101-441/L: silicon carbide paper 240 grit, pack of 100 pcs.
- LAB-101-441/O: silicon carbide grains 150 mesh, pack of 1 kg
- LAB-101-441/Q: silicon carbide paper 400 grit, pack of 100 pcs.