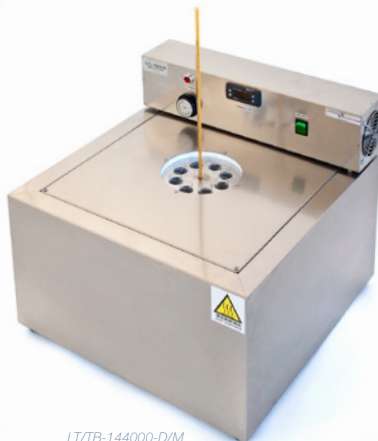




Copper and Silver Corrosion



LT/CS-144000/M



LT/TB-144000-D/M



LT/TB-144000/M-HT



ASTM D130
DIN 51759
IP 154 - IP 227
ISO 2160

Detection of Copper Corrosion from Petroleum Products by the Copper Strip Tarnish Test.

This test method covers the detection of the corrosiveness to copper of aviation gasoline, aviation turbine fuel, automotive gasoline, natural gasoline or other hydrocarbons having a Reid vapour pressure no greater than 18 psi (124 kPa), cleaners (Stoddard) solvent, kerosene, diesel fuel, distillate fuel oil, lubricating oil, and certain other petroleum products.

Silver Corrosion Aviation Fuels.

This method describes a procedure for the detection of the corrosiveness of aviation turbine fuels towards silver.

LT/CS-144000/M

Bench top laboratory liquid bath, manual instrument composed by:

- Bench top instrument fully made in stainless steel with double chamber insulation
- Liquid capacity about 46 liters
- Controlled by a digital thermoregulator with PT100 A class temperature sensor
- PID range from ambient to +120°C, resolution 0,1°C
- Over-temperature light and heating cut-off manually settable
- Cooling fan for electronic parts, stirrer motor grant homogeneity/uniformity
- Cooling coil with joints for external cooling source, metal cover with handle
- Power consumption 2000 Watt

LT/CS-144000-D/M

Bench top laboratory dry bath, manual instrument composed by:

- Bench top instrument fully made in stainless steel with double chamber insulation
- Dry Bath suitable for the accommodation of up to 8 glass test tube Ø 25 mm
- Controlled by a digital thermoregulator with PT100 A class temperature sensor

- PID range from ambient to +150°C, resolution 0,1°C
- Over-temperature light and heating cut-off manually settable
- Cooling fan for electronic parts
- Power consumption 2000 Watt

CS-144000/M-HT

Bench top laboratory liquid bath for high temperatures, manual instrument composed by:

- Bench top instrument with metallic case structure painted with anti-acid products and double chamber insulation
- Liquid capacity about 46 liters
- Controlled by a digital thermoregulator with PT100 A class temperature sensor
- PID range from ambient to +250°C, resolution 0,1°C
- Over-temperature light and heating cut-off manually settable
- Cooling fan for electronic parts, stirrer motor grant homogeneity/uniformity
- Cooling coil with joints for external cooling source, metal cover with handle
- Power consumption 2500 Watt

Power supply

- 220 or 115 Vac 50/60 Hz

Main Accessories

- LAB-100-371/50: silicon oil, viscosity approx. 50 mm² / S @ 25 °C, working temperatures up to +150 °C, can of 25 litres
- LAB-100-371/350: silicon oil, viscosity approx. 350 mm² / S @ 23 °C, working temperatures up to +250 °C, can of 20 litres

Accessories ASTM D130 / EN 2160

- LAB-101-441/A4: support for 4 copper corrosion test vessel ASTM D 130, for liquid model only
- LAB-101-441/A8: support for 8 copper corrosion test vessel ASTM D 130, for liquid model only
- LAB-101-441/S: test tubes bath rack 8 places to support the glass tubes when directly immersed in the oil bath, for liquid model only
- LAB-101-441/B: copper corrosion test

vessel ASTM D 130 IP 154, stainless steel, 10

- bar pressure certificate, for liquid model only
- LAB-101-441/D: test tube ASTM D130, IP 154, glass, 25 mm Ø, 150 mm height, pack of 10 pcs.
- LAB-101-441/E: test tube racks, autoclavable made in polypropylene, with 12 x 25 mm Ø holes for the accommodation of 12 test tubes
- LAB-101-441/F: flat glass viewing tube to protect the strip
- LAB-101-441/G: copper test strip, pack of 10
- LAB-101-441/I: 3 places strip vice
- LAB-101-441/L240: silicon carbide paper, 240 grit, pack of 100
- LAB-101-441/M: ASTM copper strip corrosion standard
- LAB-101-441/N: hook tool, to remove the vessel from the bath, for liquid model only
- LAB-101-441/O: silicon carbide grains, 150 mesh, pack of 1 kg
- LAB-101-441/R: gasket, pack of 10 pcs.
- T-AS12C: thermometer ASTM 12C

Accessories IP 227

- LAB-101-452/A: silver test strip IP 227, pack of 5 pcs.
- LAB-101-452/G: silver corrosion test tube complete
- LAB-101-452/F: IP standard original for silver test strip IP 227
- LAB-101-452/Z: bath cover with 6 holes for silver corrosion test
- LAB-100-37: silicon oil, can of 25 litres, 50 mm²

Spare Parts IP 227

- LAB-101-452/B: silver corrosion test tube made of amber glass 350 ml capacity
- LAB-101-452/C: cover for silver corrosion B45 ground glass socket, with condenser and glass hook
- LAB-101-452/D: glass cradle for silver strip suspension
- LAB-101-452/A: silver test strip IP 227, pack of 5 pcs.

Spare Parts

- LAB-110-012: heater
- LAB-140-002: PT 100 probe
- LAB-160-014: digital thermoregulator
- LAB-150-015: static relay
- LAB-150-022: motor for stirrer