

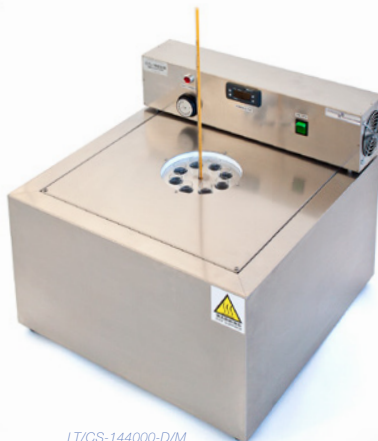


# Copper and Silver Corrosion

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LT/CS-144000/M



LT/CS-144000-D/M



LT/CS-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.

### Art. LT/CS-144000/M Copper / Silver Corrosion Liquid Bath

- Fully made in stainless steel
- Capacity about 46 litres
- Digital thermoregulator PID
- Temperature range from ambient to 150°C
- Over-temperature device with alarm and probe PT100A
- Bath cover
- Motor stirrer
- Cooling coil

### Art. LT/CS-144000-D/M Copper / Silver Corrosion Dry Bath

- Fully made in stainless steel
- Dry bath suitable for the accommodation of up to 8 test tube D130
- Digital thermoregulator PID
- Temperature range from ambient to 150°C
- Over-temperature device with alarm and probe PT100A

### Art. LT/CS-144000/M-HT High Temperature Copper Corrosion ASTM D130, Oil Bath

- Tank totally made in stainless steel
- Capacity about 45 liters
- Thermostated by a digital thermoregulator PID that controls a temperature range from ambient to 250°C
- Over-temperature device with alarm and probe PT100A
- Stainless steel cover
- Motor stirrer
- Power supply: 230 Vac 50 Hz
- Power consumption: 4000 Watt
- Temperature resolution 0.1 °C
- Temperature stability +/- 0.1 °C

### Main Accessories

- LAB-100-371/50: silicon oil, viscosity approx. 50 mm<sup>2</sup> / S @ 25 °C, working temperatures up to +150 °C, can of 25 litres
- LAB-100-371/350: silicon oil, viscosity approx. 350 mm<sup>2</sup> / 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 liter, 50 mm<sup>2</sup>

### 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