

# NTB CLASSIC

## STANDARD TEST METHOD FOR CORROSIVENESS COPPER STRIP CORROSION



### STANDARDS

ASTM D 130, D 4048, D 7095, EN/ISO 2160, IP 154, IP 112 and related methods.

### SCOPE

This test method covers the determination of the corrosiveness to copper of aviation gasoline, aviation turbine fuel, automotive gasoline, cleaners (Stoddard) solvent, kerosine, diesel fuel, distillate fuel oil, lubricating oil, and natural gasoline or others hydrocarbons having a vapor pressure no greater than 124 kPa at 37,8°C.

Thermostatic bath has a temperature range from ambient to +250°C. In order to work under ambient temperature, tap water or external chiller can be connected. Standard is equipped with a bath drain. In option, you have the possibility to increase the capacity from 6 to 9 tests positions.

## TECHNICAL FEATURES

- Stainless steel bath
- Temperature range from ambient to 250°C
- Temperature stability  $\pm 0,02^{\circ}\text{C}$
- Small footprint
- Capacity: 16 L
- Position for 6 test cylinders (9 optional)
- Wide temperature range
- Integrated cooling coil

## SCOPE OF DELIVERY

**23007**    **NTB Classic** is delivered with:

- 6 lid and mounting hook P/N 23005

### Site requirements:

- Power supply : AC 230 V - 50/60Hz - 7A
- Dimensions : (W) 455 x (D) 295 x (H) 440 mm
- Weight: 40 kg
- Wash solvent: Isooctane (to be supplied locally)

## ACCESSORIES

### Necessary accesories:

**REF 15115** - Pack of 10 copper strips

**REF 15114** - ASTM copper strip corrosion colour test standard

**REF 12780** - Test tube 25x150mm (6 max for 23007)

**REF 11499** - ASTM thermometer 12C\*, range from -20 to 102°C

**REF 19008** - Flat glass test tube

*\*without certificate, calibration on request*

### Consumables for sample preparation:

**REF 24541** - Single strip polishing vise

**REF 12068** - Silicon carbide paper, 220 grits

**REF 225051000** - 1kg silicon carbide powder, 150 mesh

**REF 0496300054** - White PP bowl 180x240mm, 1.5L

**REF 29321** - Absorbent cotton ( pack of 250g)

**REF 21375** - Chronometer

**REF 14663** - Forceps lenght 145mm

**REF 20973** - Non powdered nitrile gloves (pack of 100)

**REF 60101** - 20 liters bottle of 10 cSt silicon oil (between ambient & 100°C)

**REF 16419** - 5 liters bottle of 47v20 silicon oil (between 100 & 150°C)

### Necessary accesory for use with aviation gasoline and higher vapor pressure samples:

**REF 941492**        Copper corrosion Test Cylinder (6 max into 23007)

Necessary accesory for test tube procedure - for use with Diesel fuel, fuel oil, automotive gasoline, cleaners (stoddard), solvent and kerosine and lubricating oil:

**REF 23008**        Holder for test tubes ( 6 max into 23007 )