

# APPARATUS FOR THE DETERMINATION OF COPPER STRIP CORROSION BY LIQUEFIED PETROLEUM (LP) GASES ASTM D 1838 - ISO 6251

The apparatus consists of a benchtop steel case containing a stainless steel bath with a cover with up to eight jackets that allow the introduction of the vessels and a control box containing all the electronics.



Apparatus for four vessels

- Enamel finished steel case, benchtop model.
- Stainless steel bath equipped with a cover with holes for the insertion of the vessels; covers with hook for the vessels.
- Electric stirrer.
- Control thermometer jacket on the bath cover.
- Microprocessor thermoregulator with PID action and built-in temperature display 0.1°C accuracy. Probe: PT100 RTD.
- Working range: from ambient to 80°C. Regulation accuracy  $\pm 0.1^\circ\text{C}$ .
- Safety device against overheating and low-level.
- Easy access control box placed on the right side of the apparatus and containing all the electronics: anodized aluminium control panel with English written indications.
- English written user manual.
- For 220 V/50 Hz connections. Power consumption 2500 W.
- CE marked.
- Four, six and eight-position version available.

AD1838-100	Apparatus for four vessels. Dimensions (l x w x h): 640 x 400 x 600 mm. Weight: kg 40 approx.
AD1838-110	Apparatus for six vessels. Dimensions (l x w x h): 700 x 400 x 600 mm. Weight: kg 45 approx.
AD1838-120	Apparatus for eight vessels. Dimensions (l x w x h): 760 x 400 x 600 mm. Weight: kg 50 approx.

#### ACCESSORIES

AD1838-A00	Stainless steel cylinder with valves
AD1838-A01	Spare needle valve A
AD1838-A02	Spare needle valve B
AD1838-A03	ASTM Copper Strip Corrosion Standard
AD1838-A04	Strip vise for one strip
AD1838-A05	Strip vise for four strips
CAL001	PT100 simulator
CAL003	Official Certificate for Pt100 simulator

#### CONSUMABLES

AD1838-C00	O-ring gasket
AD1838-C01	Copper strip 75 x 12.5 x 3 mm
AD1838-C02	Silicon carbide paper 100 grit, 12 sheets
AD1838-C03	Silicon carbide grains, 0.5 kg
AD1838-C04	Silicon carbide paper 150 grit, 12 sheets
AD1838-C05	Silicon carbide paper 240 grit, 12 sheets
AD1838-C06	Viewing flat test tube
TA012C-N00	ASTM 12C thermometer (-20°C/+102°C)



Stainless steel cylinder with valves

Specifications may vary without notice.

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



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