

TWIN-UNIT APPARATUS FOR THE DETERMINATION OF THE FOAMING CHARACTERISTICS OF LUBRICATING OILS ASTM D 892 - IP 146

The apparatus consists of a steel frame supporting two Pyrex jars with a cover that allows to insert and fix two cylinders without necessity of any steel ring to avoid floatation, four high precision flowmeters and a control box containing all the electronics.



Twin-unit apparatus

- Steel frame supporting two Pyrex jars, one for tests at 24 and one for tests at 93.5°C.
- Aluminium covers with two holes for the cylinders: locking clamps to hold the cylinders in position and thermometer jacket.
- Electrical bath stirrer on the jar cover.
- Stainless steel heaters.
- Stainless steel cooling coils: when connected to a cold water source, it permits to keep the bath temperature (24°C) prescribed in ASTM D 892 sequence 1.
- High precision variable area flowmeters complete with needle valves, supports and diffuser connections. Individual calibration certificates.
- Microprocessor thermoregulator with PID action and built-in digital display 0.1°C accuracy (one for each bath). Probe: Pt100 RTD.
- Safety devices against overheating and low level on both jars.
- Easy access control box.
- English written user's guide and installation instructions.
- For 220V / 50Hz connections. Power consumption 2200 W.
- Dimensions (l x w x h): mm 1050 x 420 x 680. Weight: kg 60 approx.
- CE marked.
- Version with mass flow controller and software also available.

AD0892-200 Twin-unit apparatus

ACCESSORIES

AD0892-A00 Wet test meter
 AD0892-A01 Officially certified wet test meter
 AD0892-A02 Air pump
 AD0892-A03 Glass drying tower
 CAL001 PT100 simulator
 CAL003 Official Certificate for Pt100 simulator

CONSUMABLES

AD0892-C00 Graduate pyrex glass cylinder
 AD0892-C01 Rubber stopper with air inlet and outlet
 AD0892-C02 Norton spherical Alundum gas diffuser stone (certified for permeability and pore size)
 AD0892-C03 Mott stainless steel cylindrical gas diffuser (certified for permeability and pore size)
 TA012C-N00 ASTM 12C thermometer (-20°C/+102°C)

Specifications may vary without notice.

The apparatus is supplied bare without glassware, diffusers, accessories and consumables.



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