

# APPARATUS FOR THE DETERMINATION OF HIGH-TEMPERATURE FOAMING CHARACTERISTICS OF LUBRICATING OILS ASTM D 6082

The apparatus consists of a steel case containing a Pyrex jar with an insulated cover that allows to insert two cylinders without necessity of any steel ring to avoid floatation: two **electronic mass-flow controllers** contained in the control box permit to blow the exact amount of air in the due time.



- Enamel finished steel case containing one Pyrex jar, suitable for tests up to 160°C. Double-walled window on the front.
- Insulated cover with two holes for the cylinders: locking clamps to hold the cylinders in position and thermometer jacket.
- Electric stirrer.
- Stainless steel heaters.
- Two mass-flow controllers with digital display and knob to adjust flow: scale 0-110 ml/min and 1% accuracy. By pressing a button on the control panel it's possible to blow the correct amount of air in the 5-min interval.
- Microprocessor thermoregulator with PID action and built-in digital display 0.1°C accuracy. Probe: Pt100 RTD.
- Safety devices against overheating and low level.
- Easy access control box.
- English written user's guide and installation instructions.
- For 230V/50 Hz connections. Power consumption 2200 W.
- Dimensions (l x w x h): mm 680 x 540 x 800. Weight: kg 35 approx.
- CE marked.

AD6082-200 Apparatus

#### ACCESSORIES

AD6082-A20 Electronic air volume counter (replaces wet test meter)  
AD6082-A21 Certificate for the volume counter  
AD6082-A01 Air pump  
AD6082-A02 Glass drying tower  
CAL001 PT100 simulator  
CAL003 Official Certificate for Pt100 simulator

#### CONSUMABLES

AD6082-C00 Graduate Pyrex glass cylinder  
AD6082-C01 Rubber stopper with air inlet and outlet tubes  
AD6082-C02 Mott stainless steel cylindrical gas diffuser  
TA041C-N00 ASTM 41C thermometer (+98°C/+152°C)

Specifications may vary without notice.

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



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