# 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 high precision flowmeters and a control box containing all the electronics.


- Enamel finished steel case containing one Pyrex jar, suitable for tests up to $160^{\circ} \mathrm{C}$. 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 high-precision variable area flowmeters complete with needle valve, supports and diffuser connections. Individual calibration certificates.
- Microprocessor thermoregulator with PID action and built-in digital display $0.1^{\circ} \mathrm{C}$ accuracy. Probe: Pt100 RTD.
- Safety devices against overheating and low level.
- Easy access control box.
- English written user's guide and installation instructions.
- For $230 \mathrm{~V} / 50 \mathrm{~Hz}$ connections. Power consumption 2200 W.
- Dimensions ( $1 \times \mathrm{w} \times \mathrm{h}$ ): mm $680 \times 540 \times 800$. Weight: kg 35 approx.
- CE marked.
- Version with mass flow controller and software also available.


## AD6082-100 Apparatus

ACCESSORIES
AD6082-A00 Wet test meter
AD6082-A01 Air pump
AD6082-A02 Glass drying tower
CAL001
PT100 simulator
CALO03
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 41 C thermometer $\left(+98^{\circ} \mathrm{C} /+152^{\circ} \mathrm{C}\right)$
Specifications may vary without notice.
The apparatus includes the items listed aside the picture, accessories etc. should be purchased separately.

