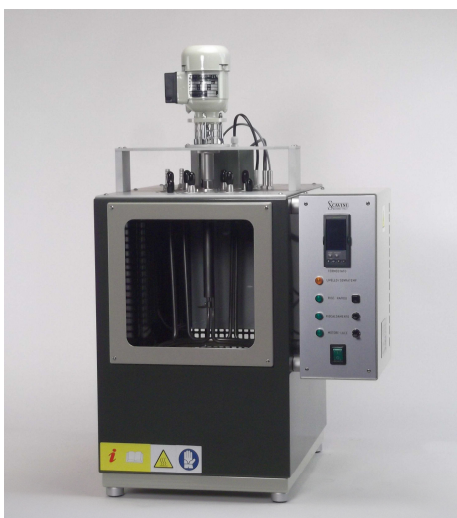


# ULTRATHERMOSTAT FOR VISCOSITY DETERMINATION ASTM D 445 – IP 71 – ISO 3104

The apparatus consists of a benchtop steel case containing a pyrex jar, 330 mm deep, that permits the use of a wide range of viscometer tubes. Up to six viscometer tubes can be inserted on a turntable that allows to carry in the front of the jar the tube on which the operator is working on.



AD0445-111

- Enamel finished benchtop steel case.
- Borosilicate glass jar 330 mm deep visible through the front window.
- Built-in lighting device placed on the rear side of the case and covered with a frosted glass to avoid dazzling to the operator.
- Steel safety recovery bath capable to contain the liquid in case of breaking of the jar.
- Electric stirrer.
- Six-position turntable built-in the top cover: it permits each viscometer tube to be brought to the front without take it off the bath. Suitable for Cannon-Fenske and Ubbelohde tubes.
- Stainless steel heaters: the auxiliary heater automatically switches off when the selected temperature has been reached.
- Stainless steel cooling coil: when connected to a cold water source it permits to keep temperatures below ambient in the jar.
- Electronic temperature control  $\pm 0.01^\circ\text{C}$ . Probe: Pt100 RTD.
- Digital setting of the desired bath temperature: setting accuracy  $0.01^\circ\text{C}$ . Digital thermometer  $0.01^\circ\text{C}$  accuracy.
- Working range: from ambient to  $150^\circ\text{C}$ .
- Six synthetic rubber tube holders for Cannon Fenske or Ubbelohde viscometer tubes.
- Six viscometer tube hole stainless steel covers.
- Control thermometer jacket placed on the bath cover.
- Safety devices against overheating and low-level.
- Easy access control box placed on the right side of the apparatus and containing all the electronic and electrical components: aluminium control panel with english written indications.
- English written user manual.
- For 220 V/50 Hz connections. Power consumption 1800 W.
- Dimensions (l x w x h): mm 460 x 520 x 900. Weight: 45 kg.
- CE marked.

AD0445-111  
AD0445-120

Apparatus with built-in digital thermometer,  $0.01^\circ\text{C}$  accuracy  
Low cost version without surrounding case, recovery bath, rotating cover, digital thermometer and rear light. The apparatus consists of a metal base supporting a Pyrex jar and the control box. The jar cover has five jackets for the capillaries. Working range: from ambient to  $120^\circ\text{C}$ . The electronics is the same of the AD0445-111

#### ACCESSORIES

AD0445-A00 Battery chronograph  
AD0445-A01 Portable digital thermometer with Pt100 probe  
CAL001 PT100 simulator  
CAL003 Official Certificate for Pt100 simulator

#### CONSUMABLES

TAO46C-N00 ASTM 46C thermometer ( $+48.6^\circ\text{C}/+51.4^\circ\text{C}$ )  
TA120C-N00 ASTM 120C thermometer ( $+38.6^\circ\text{C}/+41.4^\circ\text{C}$ )  
TA121C-N00 ASTM 121C thermometer ( $+98.6^\circ\text{C}/+101.4^\circ\text{C}$ )  
AD0445-C00 Cannon-Fenske capillary support  
AD0445-C01 Ubbelohde capillary support



AD0445-120

Specifications may vary without notice.

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



**Dott. Gianni Scavini & C.**

Via Donne della Resistenza, 26 - 28831 Baveno (VB) Italy  
Tel. +39-0323-924134 Fax +39-0323-924935  
www.scavini.com