

# MECHANICALLY REFRIGERATED CLOUD AND POUR POINT CABINET ASTM D 97, D 2500 - IP 15 - ISO 3015, 3016

The apparatus consists in a floor-mounted cabinet containing one, two, three or four aluminium blocks with four jackets: the temperature of each block is maintained at a fixed temperature by means of electronic thermoregulators. Every block has its independent cooling compressor and the top plate is fitted with a low voltage defrosting device. The aluminium block permits to eliminate alcohol and methanol as cooling media improving safety in laboratory practice, makes the apparatus more reliable requiring virtually no periodical maintenance such as level checking and bath refill.



Four-position cabinet

- Enamel finished steel floor mounted cabinet riding on swivel castors.
- Thermally insulated top surface. Low voltage (24 VAC) adjustable defrosting device: it prevents icing around the test jackets.
- Aluminium blocks, each with four jackets.
- Single stage (cascade double stage only for -69 °C) independent hermetic cooling compressors for each position. CFC/HCFC-free gas fills the circuits.
- Electronic thermoregulator with digital display 0.1 °C accuracy for each block. Solid state relay for each compressor.
- Control panel with main switch, digital thermostat and fuse for each position: in this way it is possible to turn on only the desired positions.
- English written user manual.
- For 220 V/50 Hz connections: 1500 W power consumption.
- Dimensions (l x w x h): 60 x 60 x 95 cm (single and two-position cabinet), 90 x 60 x 95 cm (three position cabinet) 120 x 60 x 95 cm (four-position cabinet). Weight: 110 kg (single and two position cabinet), 160 kg (three-position cabinet), 230 kg (four-position cabinet).
- CE marked.
- Custom units with block temperatures chosen by the user or with five or six positions can be supplied.

AD0097-100	Two-position cabinet (48 and 24 °C)
AD0097-110	Two-position cabinet (0 and -18 °C)
AD0097-120	Two-position cabinet (-33 and -51 °C)
AD0097-130	Three-position cabinet (48, 24 and 0 °C)
AD0097-140	Three-position cabinet (0, -18 and -33 °C)
AD0097-150	Four-position cabinet (48, 24, 0 and -18 °C)
AD0097-160	Four position cabinet (0, -18, -33 and - 51 °C)
AD0097-170	Single-position cabinet for -68 °C

#### ACCESSORIES

CAL001	PT100 simulator
CAL002	Officially certified PT100 simulator

#### CONSUMABLES

AD0097-C00	Test jar with sample height graduation
AD0097-C01	Centrally bored cork for test jar
AD0097-C02	Gasket for test jar
AD0097-C03	Disk (to be placed on the bottom of the jacket)
TA005C-N00	ASTM 5C thermometer (-38°C/+50°C)
TA006C-N00	ASTM 6C thermometer (-80°C/+20°C)

Specifications may vary without notice.

**The apparatus is supplied bare without glassware (if any), accessories and consumables.**



**Dott. Gianni Scavini & C.**

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