

# CLOUD POINT AUTOMATIC TESTER WITH INTEGRATED COOLING (STAND-ALONE UNIT) ASTM D 2500 - IP 219 - ISO 3015

The apparatus consists of a benchtop case containing the cooling compressor with the cooling jacket and supporting the analytical head. An 8.4" touch screen interface on the front permits to control the instrument, calibrate the sensors, retrieve and print data. Two USB, serial and Ethernet connector on the rear panel allows the user to connect to printers or network.



CP-60

- Enamel finished steel-aluminium case, benchtop version.
- Insulated metal jacket conform to ASTM, IP, DIN and ISO standard methods.
- One glass sample container with mirror conform to ASTM, IP, DIN and ISO standard methods.
- Two models, one for jacket temperatures till -60°C (suitable for tests at standard temperature of 48, 24, 0, -18, -33 and -51°C) and one till -80°C (suitable also for -69°C tests) with +/- 0.2°C regulation accuracy. Both units are equipped with a patent-pending integrated cooling system based on thermoelectric cooling: in this way we have reduced dimensions, weight, power consumption, noise and heat dissipation making moreover the equipment more reliable since single-stage cooling compressors require much less maintenance if compared with cascade double-stage ones.
- Optical detection of cloud point through IR sensor.
- Temperature sensor: Pt100 RTD. Accuracy of temperature reading: +/- 0.1°C.
- 8.4 inches touch screen interface that permits to introduce the analytical data, control the test and display the results. Tests can be run acc. to ASTM/IP/ISO/DIN methods or to user defined methods. Software includes diagnose and calibration tools with all modern QC routines.
- Two USB, one RS-232 and one Ethernet connector for connecting to printers and network even through wireless pendrives.
- English written user manual. CE marked.
- For 220 V/50 Hz connections: 700 W power supply (CP-60) and 1000 W (CP-80).
- Dimensions and weights (l x w x h): 350x700x700 mm, 40 kg (CP-60) and 400x750x750 mm, 50 kg (CP-80).

CP-60            Apparatus for tests from +50 to -60°C (jacket temperature)  
 CP-80            Apparatus for tests from +50 to -80°C (jacket temperature)

**ACCESSORIES**

PRN01            Printer

**CONSUMABLES**

CP000            Sample container  
 OR3131           O-Ring for sample container  
 CP021            PT100 for the sample (Cloud Point)  
 CP023            Fiber optic

Specifications may vary without notice.

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



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