

# COLD FILTER PLUGGING POINT AUTOMATIC TESTER WITH INTEGRATED COOLING (STAND-ALONE UNIT) ASTM D 6371 - IP 309 - EN 116 - EN 16329

The apparatus consists of a benchtop case containing the jacket capable to reach -120°C, the cooling compressor, the electronics and supporting the analytical head. An 8.4" touch screen interface on the front permits to control the instrument enter data, start tests, retrieve, print reports and calibrate the sensors. Two USB and one Ethernet connector on the rear panel allow the user to connect to printers or network.



CFPPultra

- Enamel finished steel case, benchtop version.
- Insulated metal jacket conform to ASTM, IP, DIN, EN and ISO standard methods.
- One glass sample container conform to ASTM, IP, DIN, EN and ISO standard methods.
- Stirling cooling compressor: working range from +60 to -120°C. CFC/HCFC-free cooling system.
- Optical detection of cloud point based on continuous reflected IR light percentage. Accuracy of temperature reading: +/- 0.1°C.
- Automatic determination of CFPP: sample temperature decrease is monitored by the software and vacuum applied every 1°C. Two IR photocells permit to measure CFPP during aspiration or release. Automatic selectable sample preheating. The equipment can run also tests acc. to EN 16329 (linear cooling bath).
- Temperature sensor: Pt100 RTD. Accuracy of temperature reading: +/- 0.1°C.
- Filtration unit composed by 20 ml pipette, filter holder and 45 microns filter.
- 3-way solenoid valve for vacuum electronically controlled. Vacuum unit required if not already available.
- 8.4" 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/DIN/EN 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 dongles.
- English written user manual. CE marked.
- For 220V - 50 Hz connections: 300 W.
- Dimensions and weights (l x w x h): 420x700x720 mm. Weight: 30 kg approx.

CFPPultra      CFPP automatic tester

#### ACCESSORIES

VAC01      Vacuum unit consisting of pump, air + water tank, U-tube gauge and flowmeter with tubing  
PRN01      Printer

#### CONSUMABLES

CFPP000      Test jar with 45 ml level mark  
CFPP021      O-ring for the test jar  
CFPP022      PT100 for the sample  
CFPP023      Set of photocells (two emitters and two receivers)  
CFPP024      Pipette  
CFPP025      Filter holder (without filter)  
CFPP026      Filter  
CFPP027      Vacuum adapter  
CFPP028      Pince

Specifications may vary without notice.

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



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