

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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