

FREEZING POINT AUTOMATIC TESTER WITH INTEGRATED COOLING (STAND-ALONE UNIT) ASTM D 2386 - IP 16 - ISO 3013 - DIN 51421

The apparatus consists of a benchtop case containing the cooling compressor capable to cool the jacket down to -120°C 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 and an Ethernet port on the rear panel allows the user to connect to printers or laboratory network.



- Enamel finished steel-aluminium case, benchtop version.
- Insulated metal jacket conform to ASTM, IP, DIN and ISO standard methods and capable to work from $+50$ to -120°C thanks to an integrated Stirling cooling system. No CFC/HCFC gases are used.
- One glass sample container conform to ASTM, IP, DIN and ISO standard methods.
- Optical detection of freezing point through IR sensor: sample is cooled until crystals appear and then heated until their disappearance to determine the result.
- Temperature sensor: Pt100 RTD. Accuracy of temperature reading: $\pm 0.1^{\circ}\text{C}$.
- Electric stirrer 75 rpm complete with brass stirring coil and mechanism.
- 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 and one Ethernet connector for connecting to printers and network.
- English written user manual. CE marked.
- For 220V - 50/60Hz connections: 400 W.
- Dimensions and weight: 420x500x800 mm (l x w x h), 25 kg.

FPplus Freezing point automatic tester (for fuels)

ACCESSORIES

PRN01 Printer

CONSUMABLES

FP020 Sample container
OR168 O-Ring for sample container
FP021 Pt100 for sample temperature detection
FP022 Fiber optic
FP023 Stirrer coil
FP024 Stirrer motor

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