



ASTM D 6371 – IP 309 – ISO EN 116 –

SCOPE:

This test method covers the determination of the cold filter plugging point (CFPP) of diesel and domestic heating fuels using automated equipment.

The results expresses an estimation of the lowest temperature at which a fuel will freely flow within a fuel system.

APPLICATIONS:

Diesels and heating fuels, Biodiesels

FULLY AUTOMATED COLD FILTER PLUGGING POINT - Model NTL 450 - - REF 60200

MAIN FEATURES

Detection by specific optical cells
Visualisation of the different cooling steps
Possibility to use a programmed linear cooling slope
Quick fixation on measuring head
Stand alone or network multiple
Visualisation of the sucking up time & release time sample
Easy access to maintenance paramaters by software
Easy access to hardware maintenance
Electronic vacuum regulation with 15 l/h

SOFTWARE

- ✓ Computer interface through a user friendly software accessible by touch screen
- ✓ Connexion of external PC by Ethernet cable
- ✓ Storage of 200 results
- ✓ Stand alone or network multiple

NECESSARY ACCESSORY

- REF 23205** Cryostat TLC 80 - 11 litres
- ✓ Température range: -80 to +20°C
 - ✓ Offset: +/- 0.1 °C
 - ✓ Capacity: 11 Litres

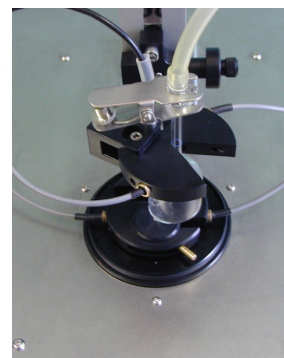
SPARE PARTS

- REF 17885** CFPP sample tube
REF 21916 CFPP Pipet
REF 40809 Basket for tube (set of 2)
REF 20882 Filtration assembly
REF 40822 45µ Filter on ring

SCOPE OF DELIVERY

NTL 450 is delivered complete with necessary glassware, temperature probe pipette, instruction manual.
CRYOSTAT to be ordered separately

Supply 230 V / 50 Hz 270x500x600 + or - 25kg



TOUCHSCREEN interface
Storage: 200 results
Stand Alone unit or network multiple
through ETHERNET connexion

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EXTERNALLY COOLED

ALL DATA ACCESSIBLE BY TOUCHSCREEN

SOFTWARE MAIN MENU:



Test Start Data storage Cleaning programme Parameters

Bath temperature can be changed by simple click

Click on graph : all test parameters can be viewed (sucking time, sample temperature, bath ...)

TECHNICAL SPECIFICATIONS

- ✓ Visualisation of the % of optical detection of the fork
- ✓ Vacuum visualisation
- ✓ Pt 100 sample temperature
- ✓ Jacket temperature
- ✓ Time at the rise and at the descent of the product
- ✓ Visualisation of the cooling levels
- ✓ Apparatus and captors status
- ✓ Adjustable bath temperature at stand by position
- ✓ Result of the last tests
- ✓ Sample identification
- ✓ Operator's name



Configuration parameters



Maintenance parameters

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