

LC-2 Cold Filter Plugging Point Filter



Summary

The instrument is designed and made as per the Industry Standard of the People's Republic of China SH/T 0248-2006 Standard Diesel and Domestic Heating Fuels – Determination of Cold Filter Plugging Point. Being equipped with refrigeration bath and other accessories, it can be used to determine cold filter plugging point of distillate fuels, including fuels containing fluidity improver or other additives, and used for diesel engines and domestic heating devices.

I. Main technical features

1. It adopts integral structure. Easy to use and good-looking.
2. It adopts light-touch and digital display technology. The data set is easy and the timing shows strikingly. It stops automatically after the timing is over.
3. It equips a flow meter to control and show the flow rate of air suction.
4. The accessories are fully equipped. It equips two vacuum bottles to control the air suction. It can meet standard SH/T 0248-2006.
5. The instrument can be singly used to do CFPP determination equipping with suitable cooling bath. It can also be used to do CFPP determination equipping with a suitable low-temperature tester.

II. Main technical specifications

1. Power supply: AC 220V±10%, 50 Hz
2. Pumping pressure: 1961 Pa (200 mm H₂O)
3. Test cup: Glass, flat bottom, circular type; inner diameter 31.0~32.0 mm;
Thickness 1.0~1.5mm; Height 115 ~125mm
There is a marked line at 45 ml of the cup.
4. Filter assembly: It is made of copper; Size of hole on the filter sieve is 45 μm (330 meshes)
5. Working environment: (1) Ambient temperature: -10~+35°C (2) Relative humidity: ≤85%
6. Maximum power consumption: 150 W
7. Overall dimension: 250mm×150mm×380mm (Vacuum bottles are not included)