

Seta Multi Filtration Tester (91600-3)

Filter Blocking Tendency of Fuel Oils

ASTM D2068; IP 387; EN 590; IP PM EA/13

- Fully automated, portable test
- Testing of Bio components including FAME material
- Large LCD display
- Results in less than 15 minutes
- Automatic calculation of FBT and F-QF
- Interface for PC/printer
- Remote end of test alarm option
- Supplied with filter forceps
- Simple calibration/verification



The Multi Filtration Tester (MFT) fully conforms to the latest 'cold soak' filterability test requirements for FAME and bio diesel. It is a unique and versatile instrument designed to test the Filter Blocking Tendency (FBT) of diesel, biodiesel (B100 & B5/7/20/30), gas oil, gas turbine fuel and kerosene. Test parameters for IP 387 and ASTM D2068 are pre-programmed.

A fuel sample is drawn from the integral reservoir and a pulse damper ensures smooth and continuous flow through the instrument. The sample is automatically pumped through the specified filter whilst the pressure and temperature of the fuel are continuously monitored; the fuel sample discharges into a removable waste receptacle for ease of disposal. The recorded pressure rise, or the volume of pumped sample that causes a specified pressure to be exceeded, are used by the microprocessor to calculate and report the test result. Standard tests use just 300 ml of fuel.

The MFT is designed for use in the laboratory or for portable test applications. An optional carry case is available for ease of transportation.

Specifications:

Filter Blocking Tendency (FBT) range:	1.0 to 3.0 (low number is best)
Filterability Quality Factor (FQF) range:	100 to 1 (high number is best)
Maximum pressure:	200 kPa
Power requirement:	110/120 V, 50/60 Hz 220/240 V, 50/60 Hz (switchable), 500 W
Size (HxWxD) / Weight:	200 x 480 x 380 mm / 12 kg