

# SETA MULTI FILTRATION TESTER (MFT)

ASTM D2068; IP 387 (Procedures A & B); Correlates with ASTM D6426

NEW IP PM EA/08 Cold Soak Test Method for EN 590 Biofuel and FAME material

- ✓ Portable test for filterability/blocking tendency of Fuel Oils
- ✓ Testing of Bio components including FAME material
- ✓ Fully automated operation
- ✓ Easy to use
- ✓ 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 of flow, pressure & temperature
- ✓ Filter housing & filter packs are available according to test method requirements



Cold Flow issues with diesel containing FAME and FAME Material has resulted in the development of the new EI Industry test method standard to check quality of FAME and diesels to avoid major fuel operability problems.

Fuel cleanliness is also an important issue as modern fuel injectors and injection pumps are being manufactured to more precise tolerances. Particles due to contamination, degradation, or corrosion of storage vessels can quickly clog filtration systems. Seta MFT is a unique instrument designed to test the Filter Blocking Tendency (FBT) and Filterability Quality Factor (FQF) of diesel, biodiesel, gas oil, gas turbine fuel and kerosine. Test parameters for IP 387/ D2068 and D6426 test are pre-programmed. The Seta MFT has a compact design with a robust carrying case making it easily transportable from the laboratory to the test site.

## Automatic Operation

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.

## Portable & Compact

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

## Specifications

<b>Seta Product Ref:</b>	91600-3
<b>Filter blocking tendency (FBT) range:</b>	1.0 to 30 (low number is best)
<b>Filterability quality factor (FQF) range:</b>	100 to 1 (high number is best)
<b>Maximum pressure:</b>	200kPa
<b>Power supply:</b>	110/120V, 50/60Hz 220/240V, 50/60Hz
<b>Power:</b>	500W
<b>Size (HxWxD):</b>	27 x 43 x 26cm
<b>Weight:</b>	10kg