

FILTRATION TESTS

91600-0 SETA MFT MULTI FILTRATION TESTER

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

- Portable test for filterability/blocking tendency of Fuel Oils
- Easy to use
- Result in less than 15 mins
- Interface for PC or Printer
- Downloadable Filterability Graph
- Setalert remote alarm option



91600-0 with accessories

The Seta Multi Filtration Tester is a unique and flexible instrument designed to test distillate fuels including gas oil, gas turbine fuel, kerosene, diesel, biodiesel and biodiesel blends. It is the only tester that performs both existing IP 387/D2068 and D6426 methods, and offers the possibility of testing other types of fuel and adopting future filtration and filterability test procedures.

MFT is microprocessor controlled and provides a simple user interface using 2 buttons and the Seta Multifunctional And Rotational Test (SMART) control feature in conjunction with a backlit alphanumeric 4 line display. The SMART control is exceptionally easy to use for selecting different tests, setting parameters and for calibration of the temperature and pressure sensors. The display provides the operator with test procedure information as well as indicating the selected test method, sample temperature, pressure, volume and the test result.

A printer can be connected to provide a permanent record of the test parameters, results and a filterability graph.

The software permits the operator to set the test volume of liquid up to 1 litre and a maximum pressure of 200kPa. This allows both specification testing and gravimetric tests to be carried out in conjunction with the appropriate filters and holders.

The fuel sample is drawn from the integral fuel reservoir by the pump, and an efficient pulse damper provides smooth and continuous flow. The pressure and temperature of the fuel are continuously monitored while it is pumped through the specified filter into the waste container. 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 the test result. Standard tests use 300ml of fuel pumped at 20ml/min.

Verification and re-calibration is simple and secure.

The Setalert accessory can be used to alert an operator of the end of the test at distances up to 300 metres.

SUPPLIED WITH: mains lead and instruction manual.



BIO-FUEL TESTING

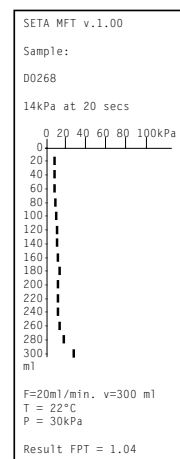


SETALERT COMPATIBLE



TECHNICAL DATASHEETS AVAILABLE

SPECIFICATIONS	
Filter blocking tendency (FBT) range:	1.0 to 30 (low number is best)
Filterability quality factor (FQF) range:	100 to 1 (high number is best)
Maximum pressure:	200kPa
Power:	500W
Voltage:	110/120V, 50/60Hz 220/240V, 50/60Hz (switchable)
Size (HxWxD):	27 x 43 x 26cm
Weight:	10kg



Typical MFT Graph

ACCESSORIES - Multi Filtration Tester

REQUIRED

- 91615-0 START-UP KIT, PROCEDURE A, comprises filter holder, tweezers, 100 1.6µm filters & exit tubing.
- OR
- 91616-0 START-UP KIT, PROCEDURE B, comprises adaptor, 1.6µm encapsulated filters & exit tubing.
- OR
- 91635-0 START-UP KIT, PROCEDURE C, comprises, 5µm encapsulated filters & exit tubing.

OPTIONAL

- 00100-0 SETALERT REMOTE PAGING SYSTEM
- 81002-0 PRINTER
- 91640-0 HOLDER, for 25mm filters.
- 91645-0 MAINTENANCE KIT (all necessary O rings and seals, two cleaning wires, a damper key, and replacement fuse).
- 91650-0 CARRY CASE

CALIBRATION, VERIFICATION & TRAINING

- 22750-2 DIGITAL STOPWATCH, hand-held, 0.1s resolution (for details see page 151).
- 91660-0 MEASURING CYLINDER
- 91662-0 PRESSURE CALIBRATOR, digital manometer and connecting parts to MFT
- CALIBRATION CERTIFICATE (WORKS)
- 99922-0 PRECISION DIGITAL THERMOMETER (for details see page 139).

CONSUMABLES - Multi Filtration Tester

100 Tests	Qty
81002-001 PRINTER PAPER, pack of 20	1
91615-001 FILTERS (A), 1.6µm, pack of 100	1
91616-001 ENCAPSULATED FILTERS (B), 1.6µm, pack of 100	1
91635-001 ENCAPSULATED FILTERS (C), 5µm, pack of 100	1