

The Donaldson Filter Test Center (FTC) is used to detect defective depth filters. It contains all the required components to perform an easy and safe integrity test of filter elements. It is compact in design, has a computer that runs and monitors the measuring process, resulting in an easy and clear operation for the user. The FTC is suitable for series tests, as well as for occasional examinations of individual filter elements.

TYPICAL APPLICATIONS

- Food and beverage
- Chemical industry
- Pharmaceutical industry
- Biotech
- Environmental industry

FEATURES & BENEFITS

- Integrity test on sterile air/gas depth filters
- Integrity test on ventilation filters
- Integrity test on liquid depth filters
- Easy handling
- Fast and reliable results



FILTER COMPATIBILITY

- Liquid depth filters
- P-SRF
- P-SRF V
- Other sterile air/gas depth filters

STANDARD PRODUCT LIST

The FTC includes the following components:

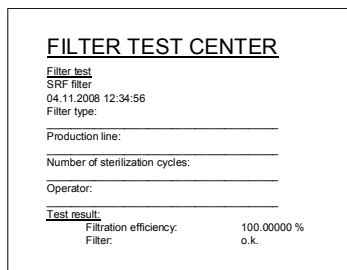
- Filter Test Center
- Power cable
- Compressed air hose (5')
- Rico hose coupling with 1/4" male thread
- Aerosol hoses (5') - 2
- Oil refill syringe with adapter
- 200 ml paraffin oil
- Operating instruction manual
- Serial bus (available upon request)



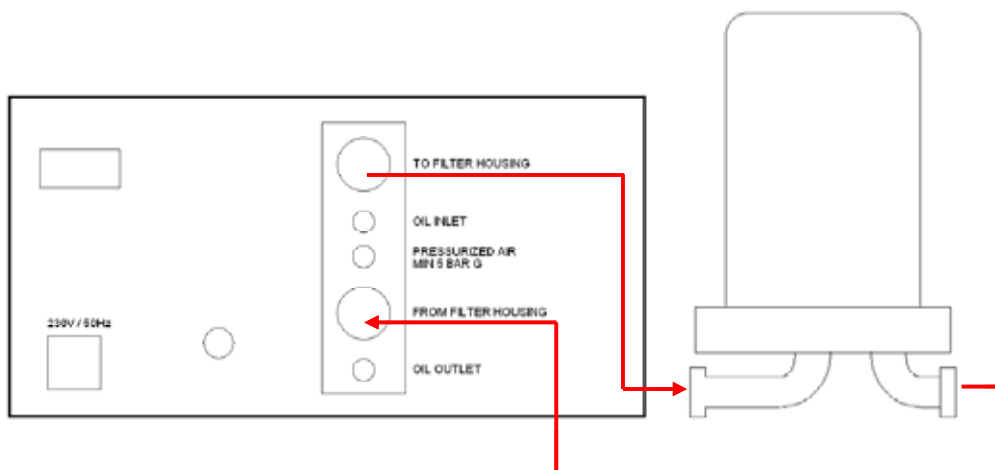
Filter Test Center (FTC)

TEST DESIGN AND RESULT

The Donaldson FTC can also perform an Aerosol Integrity Test as well as the measurement of the aerosol concentration. All functions are monitored and controlled by a process computer, which is equipped with real-time capable multitasking software. The aerosol generator provides a constant supply of test aerosol. The test aerosol is checked by the system when the FTC is started and in fixed intervals. The photometer measures the concentration of the test aerosol as well as the concentration of the aerosol filtered by the filter element to be tested. These are forwarded to the process computer.



A test report is generated on the report printer during the filter measurement.



SPECIFICATIONS

Connecting Voltage ¹	115 V
Power Consumption	50 W
Storage Temperature	40°F - 122°F
Operating Temperature	59°F - 95°F
Relative Humidity	Max 80% at 88°F, dropping linear to 50% at 104°F not dewing
Inlet Pressure	72.5-145 psi
Max. Air Consumption	4,629.8 lbs/hr
Test Aerosol Consumption	930 mg/m ³
Dimensions (L x W x H)	19 in x 22 in x 13 in
Weight	70 lbs

¹ Alternative voltage versions available upon request.

Important Notice

Many factors beyond the control of Donaldson can affect the use and performance of Donaldson products in a particular application, including the conditions under which the product is used. Since these factors are uniquely within the user's knowledge and control, it is essential the user evaluate the products to determine whether the product is fit for the particular purpose and suitable for the user's application. All products, specifications, availability and data are subject to change without notice, and may vary by region or country.



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(11/17) ENG Filter Test Center (FTC) Integrity Tester

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