PRODUCT DATASHEET

FILTON 4750 Online MFI Analyser

Online MFI-0.45 test; the operator fits a fresh 47 mm disc

Product page





Close-up: filter holder on the front bracket

OVERVIEW

The Tech Inc. FILTON 4750 Online MFI Analyser is an online modified fouling index (MFI-0.45) analyser for RO and NF feed water.

TYPICAL DESIGN DATA

Measurement	Modified fouling index MFI-0.45 in s/L², calculated from the volume–time record of the test; MFI-5, MFI-10 and MFI-15 readings displayed
Filtration	ASTM D4189 test conditions: 0.45 µm membrane, 47 mm, constant 2.07 bar (30 psi)
Filter	Disc, 47 mm, 0.45 µm, fitted by the operator for each test
Codes and standards	Filtration at ASTM D4189 conditions; CE marking
Booster pump	Diaphragm, about 1.6 L/min, 4 bar max.
Output	4–20 mA to PLC or HMI
Alarms	MFI over-limit and RO membrane bypass

MODELS AND CAPACITIES

- **FILTON 4950 Pro** – unattended MFI-0.45 analyser with automatic filter-roll change, built on the Silton 4950 Pro platform
- **FILTON 4750** – online MFI-0.45 analyser; the operator fits a fresh 47 mm disc for each test; built on the Silton 4750 platform

FILTON MFI analysers.

ORDERING CODE

Example **F4750-STD-230**: **STD** wetted parts: STD stainless steel or 316L; **230** supply: 230 V 50/60 Hz; 110 V 60 Hz on request.

SCOPE OF SUPPLY

Included: factory acceptance test with a written report; drawings for approval, material certificates and manual.
Options: 316L wetted parts; floor stand; spare filter discs and O-ring sets.

Designed and built by Tech Inc. · **Part of the Davey Group since 1990**
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