PRODUCT DATASHEET

Silton 4750 Max Online SDI Analyser

Heavy-duty online SDI analyser, 316L wetted parts, one or four channels

Product page





Close-up: four filter holder cells on the front bracket

OVERVIEW

The Tech Inc. Silton 4750 Max Online SDI Analyser is the heavy-duty build of the Silton 4750 online SDI analyser. The operator fits a fresh 47 mm, 0.45 µm disc and starts the test; the analyser then holds 2.07 bar (30 psi), times the collections, calculates SDI-5, SDI-10 and SDI-15 and sends the result on 4–20 mA.

TYPICAL DESIGN DATA

Standard	ASTM D4189
Range	SDI 0 to 6.6
Filter	Disc, 47 mm, 0.45 µm, fitted by the operator for each test
Test conditions	2.07 bar (30 psi); 100 to 500 mL; 5, 10 or 15 minute interval
Booster pump	Diaphragm, about 1.6 L/min, 4 bar max.
Channels	1 or 4
Output	4–20 mA

MODELS AND CAPACITIES

- **Silton 4750** – online analyser; the operator fits a fresh 47 mm disc for each test; 1/4" BSP; 4–20 mA
- **Silton 4750 Max** – heavy-duty and seawater build: 316L wetted parts (super duplex or non-metallic on request), 1/2" NPT, one or four channels

Silton 4750 series: online analysers in which the operator fits a fresh disc for each test.

ORDERING CODE

Example **4750-MAX-4-316-230**: **MAX** model: STD (Silton 4750) or MAX; **4** channels: 1 or 4; **316** wetted parts: 316 (316L), SD (super duplex), NM (non-metallic); **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:** super duplex or non-metallic wetted parts; four channels; floor stand; spare filter discs and O-ring sets; installation and commissioning.

KEY ADVANTAGES

- **Heavy-duty** – stainless cabinet and 316L wetted parts
- **Four channels** – several points, one instrument
- **Standard method** – ASTM D4189 timing done for you
- **Low cost per test** – standard 47 mm discs

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

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