PRODUCT DATASHEET

Online SDI Analyser



OVERVIEW

The analyser is a fully automated, continuous Silt Density Index (SDI) analyser for RO and membrane plants. It tests to ASTM D4189 and runs unattended around the clock, sending results to your PLC or SCADA system.

TYPICAL DESIGN DATA

Method	ASTM D4189
Test modes	SDI_5 / SDI_{10} / SDI_{15} selectable
Range	0–6.67
Filter discs	47 mm, 0.45 µm, manual loading
Test pressure	207 kPa (30 psi), regulated
Sample temperature	5–45 °C
Ambient temperature	5–50 °C
Display	LCD
Data logging	1,000+ test results
Outputs	4–20 mA, RS-485 Modbus RTU, alarm relays

APPLICATIONS

SWRO/BWRO pretreatment; municipal pre-RO; power boiler feed; pharmaceutical and semiconductor ultrapure water; oil & gas produced water; food & beverage; R&D.

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Offices: Chennai · Toronto · Tallinn · Al Khobar

mail@techincresearch.com · +1 (289) 622-1032 · www.techincresearch.com

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