

SciCon[®]

The Only Pre-Calibrated, Single-Use Conductivity Sensors with an On-Board Chip that Stores ALL Calibration and Data Documentation.

How SciLog Sensors Enhance Your Process

- Pre-Calibrated
- NIST-Traceable
- Certified Calibration
- Gamma-stable
- NaOH Stable
- Autoclave Stable
- Comprehensive Customer Support
- Extended-Use Sensors

The SciCon fully integrates & optimizes most existing systems involving....

- Aseptic Filtration
- Chromatography
- Reverse Osmosis
- UltraPure Water
- Bags & Manifolds

SciCon Range & Accuracy

- High Range:
10 - 200 mS range
± 0.25 mS Accuracy
- Low Range:
0 - 100 µS range
± 3 µS Accuracy



Durable + Accurate + Scalable + Affordable



Luer



3/8" Barb



1/2" Barb



3/4" Tri-Clover



1" Tri-Clover
"Ladish"

Sensor Specifications

Sterilizability

- Can be Sterilized
 - IPA 70
 - NaOH (0.1N-1.0N)
- Autoclavable (1x)
- Gamma Stable (25-45kGy)

Material, Fluid Contact:

- Medical Grade
- Meets USP Class VI and FDA 21CFR177.1520
- All Wetted Materials are made of Animal-Free Compounds

Sensor Type:

- 4-Electrode Conductivity Cell

Temperature Probe:

- Thermistor

Temperature Range:

- 4-50 °C

Temperature Accuracy:

- ± 0.5 °C

Sensor Microchip:

- EPROM
- Stored Sensor ID and Cal Factor

Sensor Connector & Cables:

- Dust & Water Proof
 - IP67



Monitor Specifications

Sensitivity Range:

- 1 µS/cm to 200 mS/cm
- 0.1 µS/ cm Resolution

Operating Mode/ Auto Range Display:

- Conductivity: 1 µS/cm to 200 mS/cm
- Temperature: 0- 50 °C

Analog Outputs:

- 4-20 mA Outputs
- 18 Bit Resolution

Digital Output:

- RS-232

Alarm Outputs:

- 4 TTL Switches
- User-Selectable Hi/Lo Conductivity
- User-Selectable Hi/Lo Temperature

Power Supply:

- 115/230 VAC



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