

SciTemp®

The Only Pre-Calibrated, Single-Use Temperature 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 SciTemp fully integrates & optimizes most existing systems involving....

- Filtration
- Chromatography
- Fermentation
- Bags & Manifolds

SciTemp Range & Accuracy

- Temperature Range:
4.00 °C to 70.00 °C
- Temperature Accuracy:
± 0.5 °C



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:

- Thermistor
- Epoxy Coated
- 2252 Ohms

Sensor Microchip:

- EPROM
- Stored Sensor ID and Cal Factor

Sensor Connector & Cables:

- Dust & Water Proof
 - IP67



Monitor Specifications

Sensor Inputs:

- Up to Two Simultaneously

Sensor Readout:

- T1 & T2
- Differential Temperature (DT)

Analog Outputs:

- 4-20 mA Outputs for T1, T2 & DT
- 18 Bit Resolution

Digital Output:

- RS-232

Alarm Outputs:

- 3 TTL Switches
- User-Selectable Hi/Lo Temperature Limit Settings for T1, T2 & DT

Power Supply:

- 115/230 VAC



scilog.com/scitemp
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