

## 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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