

4000 SC Specific Conductivity Analyzer

Precision Conductivity Monitoring with Waltron's 4000 SC Analyzer for Reliability

The Waltron 4000 SC Specific Conductivity Analyzer offers innovative technology for accurate water and steam monitoring across a broad conductivity range. With a user-friendly interface, advanced temperature compensation, and durable IP66 enclosure, it ensures reliable performance in various industries. Backed by Waltron's strong U.S. support, the 4000 SC delivers precision and ease of use.



Key Features

- Single-Channel Specific Conductivity for use with a wide range of contacting (specific) conductivity sensors
- Ultra-Pure Water temperature compensation
- Easy to install and configure
- Durable 1/2-DIN IP66 NEMA 4X enclosure can be panel, surface, or pipe-mounted
- Simple, intuitive menu, with soft-touch buttons
- The instrument can be adjusted in off-line mode
- Choice of 12-30VDC or 90-265VAC versions
- Includes two relays, two digital inputs, and two 4-20mA outputs
- Large, clear LCD backlit display



Get in Touch

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Specifications

Parameter: Conductivity

Technology: Contacting

Range(s): Multiple

Accuracy: (+/-) 5% of the measuring reading

Sample Streams: 31-Dec

Response Time: $t_{90} < 30$ sec

Cycle Time: Continuous

Analog Outputs: Single current output, selectable 0-20mA or 4-20mA into 750 ohms max, fully isolated to 2kV. Expandable across the full operating range and offset anywhere in that range. Loop fault detection.

Digital Outputs: None

Alarms: 2 normally open, fully configurable setpoints, with volt-free contacts for each relay.

Calibration Method: Process

Calibration Frequency: Probe-dependant

Ambient Conditions: 0-130°F / -20-55°C

Sample Temperature: Probe-dependant

Sample Flow/Pressure: Probe-dependant

Mechanical

Power: Universal 90-265vAC, 10W max.
LV Option 12-30vDC, 5W max.

IP Rating: IP 66, NEMA 4X

Dimensions: Front panel 144 x 144mm (Panel-cut out: 138 x 138mm)

Weight: 4.9 lbs / 2.2 kg

Mounting: Panel, wall, pipe mounting

Materials: High Strength ABS

