

9033X Sodium Analyzer

Reliable Sodium Monitoring with Waltron's 9033X for Ultrapure Water Systems

The Waltron 9033X Sodium Analyzer excels in ultrapure water applications, offering automatic calibration and low-maintenance features. Ideal for boiler systems, it measures sodium in make-up water, condensate, and steam. With a user-friendly interface, quick-connect electrodes, and strong service support, it ensures reliable and efficient monitoring.



Key Features

- Large user-friendly color touch screen interface
- Calibration: automatic 2-point or single point; user may select weekly, bi-monthly, or monthly calibration frequency as well as day and time
- Hassle-free maintenance: calibration standards and electrode refill can last up to 3 months
- Optional 24-48 hour real-time graph
- Quick connect electrodes and probe positioning clamps
- Automatic reference electrode electrolyte refill system
- Grab sample capability
- Two 4-20 mA isolated current outputs
- Standard Motion sensor LED light and color interactive alarm indicators
- Internal datalogger with easy USB port on door



Get in Touch

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Specifications

Parameter:
Sodium

Technology:
Ion-Select Electrode

Range(s):
0.10ppb-10ppm

Accuracy:
±5% of reading or ±0.1ppb (whichever is greater) within ±5°C of calibration temperature

Sample Streams:
Streams 1

Response Time:
90% of 10-1ppb step: 3 minutes; 90% of 100-1ppb step: 5 minutes

Cycle Time:
Continuous

Analog Outputs:
2 isolated 4-20mA

Alarms:
Low-flow alarm and 3 voltage-free contacts, alarm points set from transmitter rated at 2A, 250VAC (non-inductive)

Calibration Method:
Automatic

Calibration Frequency:
Weekly, semi-monthly, monthly (user set)

Ambient Conditions:
0-55°C (32-131°F)

Sample Temperature:
5-55°C (40-130°F)

Sample Flow/Pressure:
150-400ml/min; 5-30psig (0.35-2.07bar)

Mechanical

Power:
90-250VAC, 50-60 Hz

IP Rating Transmitter:
IP65/NEMA4X

Dimensions:
85x37x28cm (33.5"x14.5"x11")

Weight:
15kg (33 lbs)

Mounting:
Wall Mount Only

Maintenance Cycle:
Monthly, Quarterly

