

9135 Sodium Analyzer

Reliable Sodium Monitoring with Waltron's
9135 Analyzer for Ultrapure Water Systems

The Waltron 9135 Sodium Analyzer harnesses innovative technology for precise, automated sodium monitoring in ultrapure water applications. It features advanced automatic calibration and minimal maintenance, ideal for critical boiler systems. With a user-friendly interface and strong service support, the 9135 ensures reliable, accurate monitoring for optimal performance.



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

Specifications

Parameter: Sodium

Technology: Ion-Select Electrode

Range(s): 0.10ppb-10ppm

Accuracy: $\pm 5\%$ of reading or ± 0.1 ppb (whichever is greater) within $\pm 5^{\circ}\text{C}$ of calibration temperature

Sample 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: Manual & Automatic

Ambient Conditions: $0-55^{\circ}\text{C}$ ($32-131^{\circ}\text{F}$)

Sample Temperature: $5-55^{\circ}\text{C}$ ($40-130^{\circ}\text{F}$)

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

Maintenance Cycle: Weekly, semi-monthly,
monthly (user set)

Mechanical

Power: 90-250VAC

IP Rating: IP65/NEMA4X

Dimensions: 66.1x38.1x30.5cm (26"x 15"x 12")

Weight: 15kg (33 lbs)

Mounting: Wall Mount Only

Materials: Corrosion-resistant Stainless Steel

Sample Connection: 0.635cm (1/4") OD Swagelok

