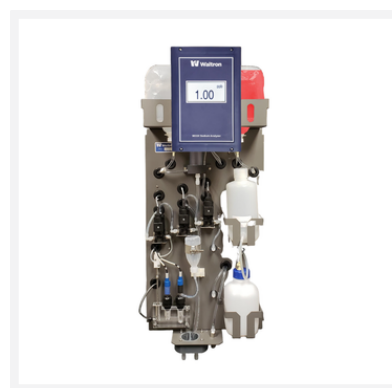


## 9033X Sodium Analyzer

Enhanced 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 U.S. 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
- Low sample flow indication (optional)
- Quick connect electrodes and probe positioning clamps
- Automatic reference electrode electrolyte refill system
- Grab sample capability
- Two 4-20 mA isolated current outputs
- Internal data logger set to store readings every 10 minutes for 30 days
- Automatically logs last 10 alarms and results of last 10 calibrations

## 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:**  
32-130°F / 0-55°C

**Sample Temperature:**  
40-130°F / 5-55°C

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

## Mechanical

**Power:**  
90-250VAC

**IP Rating Transmitter:**  
IP65/NEMA4X; Wet Section: IP55/NEMA4

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

**Weight:**  
33lbs / 15kg

**Mounting:**  
Wall

**Maintenance Cycle:**  
Monthly, Quarterly

