

9135 Sodium Analyzer

Innovative 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 U.S. support, the 9135 ensures reliable, cutting-edge 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
- 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:
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:
IP65/NEMA4X

Dimensions:
26x15c12 (66.1x38.1x30.5cm)

Weight:
33 lbs / 15kg

Mounting:
Panel/Wall

Materials:
Corrosion-resistant Stainless Steel

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

Maintenance Cycle:
Monthly, Quarterly

