

9131C Compact Sodium Analyzer

Reliable Sodium Monitoring with Waltron's Compact and Easy-to-Maintain Analyzer

The Waltron 9131C Sodium Analyzer combines an all-new ultra-compact design with uncompromised analysis of dissolved sodium in ultrapure water. It features a color touchscreen interface and internal temperature compensation for accurate calibration and online measurement. This device is ideal for use in make-up water, condensate, boiler feedwater, and steam applications and offers a low total cost of ownership.



Key Features

- Accurate and wide-range analysis
- Two isolated 4-20mA current outputs
- Easy to access replacement electrodes and KCl reference solution
- Manual calibration with menu assist
- Color touchscreen display
- Unitized transmitter and wet section
- Internal datalogger with internal USB
- Can be used with either Ammonium Hydroxide or DIPA buffers
- Internal temperature compensation
- Available only as single-channel



Get in Touch

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Specifications

Parameter: Sodium

Technology: Ion-Select Electrode

Range(s): 0.10ppb-10ppm

Accuracy: ± 0.1 ppb or $\pm 5\%$ of reading (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

Sample Frequency: Continuous

Analog Outputs: Two isolated 4-20mA current

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

Calibration Method: Manual, method-driven

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

IP Rating: IP55, NEMA4

Dimensions: 40x30x20cm (16"x12"x8")

Weight: 9kg (20 lbs)

Mounting: Panel/Wall

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

