

# 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

## Specifications

**Parameter:** Sodium

**Technology:** Ion-Select Electrode

**Range(s):** 0.10ppb-10ppm

**Accuracy:**  $\pm 0.1$ 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:**  $0-55^{\circ}\text{C}$  ( $32-131^{\circ}\text{F}$ )

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

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

## 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

