



## NA5600sc Sodium Analyser, 1-channel, with Autocalibration, wall mount

Product #: LXV526.97.1111A

ZAR Price: Contact Hach

**Ensure uptime with accurate, low-level sodium measurements and predictive diagnostics.**

### Optimise Operation and Response Time with Automatic Electrode Reactivation

To maintain optimum response time and accuracy, the NA5600sc analyser provides automatic electrode reactivation. Reactivation uses non-hazardous chemicals and eliminates the need for manual reactivation or electrode etching.

### Space-Saving Design

Smaller instrument footprint with streamlined layout to allow for easy integration into existing or new sites.

### Low Maintenance

Maintenance of the NA5600sc Sodium Analyser requires reagent replenishment only every 90 days and annual replacement of reagent tubing and the sodium electrode. Clear step-by-step instructions are provided to simplify maintenance operations.

### Avoid Downtime

Predictive diagnostic tools, including Hach's proprietary Prognosys technology, warning LEDs, and high visibility notification screens let you avoid unplanned downtime.

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## Specifications

Accuracy:	0.01 - 2 ppb: $\pm 0.1$ ppb 2 - 10,000 ppb: $\pm 5\%$
Acidity:	< 50 ppm
Ambient Temperature:	5 - 50 °C
Analogue Outputs:	6 isolated, 0 - 20 mA or 4 - 20 mA; load impedance: 600 Ohm maximum  Connection: 0.644 - 1.29 mm <sup>2</sup> (24 - 16 AWG) wire; 0.644 - 0.812 mm <sup>2</sup> (24 - 20 AWG) recommended, twisted pair shielded wire
Calibration Method:	Automatic with known addition  Manual: 1 or 2 points
Dimensions:	681 mm x 452 mm x 335 mm (H x W x D)
Display:	Coloured 5.7" LCD
Electrode Type:	Sodium ISE (ion specific electrode) electrode and reference electrode with KCl electrolyte
Fuse:	Input power: T 1.6 A, 250 VAC

	Relays: T 5.0 A, 250 V
Include Autocalibration?:	Yes
Include Cation Kit?:	No
Inlet:	Sample line and sample bypass drain: 6 mm O.D. push-to-connect fitting for plastic tubing
	Chemical and case drains: 7/16 inch I.D. slip-on fitting for soft plastic tubing
Interference Phosphate 10 ppm:	< 0.1 ppb
Load of analog outputs:	600 Ohm
Lower Limit of Detection (LOD):	0.01 ppb
Maintenance Interval:	Every 90 days: refill electrolyte, reactivation, conditioning, and calibration solution
Material:	Polyol case, PC door, PC hinges and latches, 304/316 SST hardware
Max. Concentration of Suspended Solids in Sample:	< 2 NTU, no oil, no grease
	For boiler sample type install approx. 100 µm filter
Measuring range:	0.01 ppb - 10,000 ppb
Mounting:	Wall mount
Number of analog outputs:	6
Number of Channels:	1
Number of relays:	6
Options:	Analyser with Autocalibration
Parameter:	Sodium
pH Range:	6 - 10 pH
Pollution Degree:	2
Power requirements (Hz):	50/60 Hz
Power requirements (Voltage):	100 - 240 VAC
Protection rating:	NEMA 4/IP65
Relative Humidity:	10 - 80%, non-condensing
Relay output:	6; type: not powered SPDT relays, each rated at 5 A resistive, 240 VAC maximum
	Connection: 1.0 - 1.29 mm <sup>2</sup> (18 - 16 AWG) wire; 1.0 mm <sup>2</sup> (18 AWG) stranded recommended, 5 - 8 mm O.D. cable
Repeatability:	< 0.02 ppb or 1.5% reading (whichever is greater) within ± 10 °C variation
Response time:	From 0.1 ppb to 10 ppb: T90 ≤ 3 minutes, T95 ≤ 4 minutes
	From < 1 ppb to 100 ppb: T90 < 2 minutes, T95 < 3 minutes (about 150 s)
Sample conditioner:	Di-isopropylamine (DIPA) (1 L/100 days) at 25 °C for a sample pH target of 10.5
Sample Flow Rate:	100 - 150 mL/min (6 - 9 L/h)
Sample Pressure:	0.2 - 6 bar
Sample Temperature:	5 - 45 °C
Storage conditions:	-20 - 60 °C
Warranty:	12 months
Weight:	20 kg with empty bottles
What's included?:	Hach NA5600sc Sodium Analyser, 1 channel, with 1 channel installation kit and user manuals, reference electrode sodium, sodium ion selective electrode, empty DIPA bottle, mounting bracket and screws used to fix the mounting bracket

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