



# NA5600sc Online Sodium Analyser, 2-channel, with Cation Kit, without Autocalibration, wall mount

**Product #:** AED Price:

LXV526.98.1212A 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 nonhazardous 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.

### **Specifications**

Accuracy:	0.01 ppb - 40 ppb: ±2 ppb
	40 ppb - 200 ppm: ±5%
Acidity:	< 250 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
Detection limit:	0.01 ppb
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

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Include Autocalibration?NoInclude Cation Kit?:YesInclude Cation Kit?:Sample lise and sample bypass drain: 6 mm O.D. push-to-connect fitting for plastic tubingInterference:Col. pubLoad:600 OhmMaterial:Every 90 dys: reliil electrolyte, reactivation, conditioning, and calibration solutionMaterial:Polyol case, PC door, PC hinges and lathes, 304/316 SST hardwareMacconcernation of suspended solidi?Max. concernation of suspended solidi?Max. concernation of suspended solidi?Mounting:Oll pub 2000 ppmMounting:010 pub 2000 ppmMounting:100 moultNamber of channels:?Namber of relays:6Options:Analyser with Cation KitParmeter:SolidiumPollution degree:2Polution degree:10.200 VA CCPorection rating:NEMA 40P65Relative humidity:0.10.200 VA CCPorection rating:Sitype: not playered SPDT relays, each rated at St resistive, 240 VAC maximumRelative humidity:0.00.200 pub (30.200	Fuse:	Input power: T 1.6 A, 250 VAC
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Max. concentration of suspended solids is    Sample: For boiler sample type install approx. 100 µm filter   Measuing range: 0.01 ppb - 200 ppm   Mounting: 0.01 ppb - 200 ppm   Mumber of analog outputs: 6   Number of channels: 2   Options: Analyser with Cation Kit   Parameter: Solium   Pollution degree: 2   Power requirements (Hz): 5/c00 Hz   Power requirements (Voltage): 100 - 240 V AC   Power requirements (Voltage): 100 - 240 V AC   Power requirements (Voltage): 100 - 240 V AC   Protection rating: NEMA 4/IP65   Relative humidity: 100 - 240 V AC   Protection rating: 6 (spre: not power SPDT relays, each rated at 5 A resistive, 240 VAC maximum   Repeatability: <0.02 pub or 1.5% reading (whichever is greater) within ± 10 °C variation	Maintenance interval:	Every 90 days: refill electrolyte, reactivation, conditioning, and calibration solution
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8 mm O.D. cableRepeatability:< 0.02 ppb or 1.5% reading (whichever is greater) within ± 10 °C variation	Relay output:	6; type: not powered SPDT relays, each rated at 5 A resistive, 240 VAC maximum
Response time:From 0.1 ppb to 10 ppb: T90 $\leq$ 3 minutes, T95 $\leq$ 4 minutesFrom $<$ 1 ppb to 100 ppb: T90 $\leq$ 2 minutes, T95 $\leq$ 3 minutes (about 150 s)Sample conditioner:DIPA (1 L/month) at 25 °C for a sample pH target of 10.5Sample pressure:0.2 - 6 barSample temperature:5 - 45 °CStorage conditions:-20 - 60 °CWeight:20 kg with empty bottlesWhat's included?:Hach NA5600sc Sodium Analyser, 2 channel, with 2 channel installation kit and user manuals, reference electrode sodium, sodium ion selective electrode, mounting bracket and screws used to		
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What's included?:Hach NA5600sc Sodium Analyser, 2 channel, with 2 channel installation kit and user manuals, reference electrode sodium, sodium ion selective electrode, mounting bracket and screws used to	Storage conditions:	-20 - 60 °C
reference electrode sodium, sodium ion selective electrode, mounting bracket and screws used to	Weight:	20 kg with empty bottles
	What's included?:	reference electrode sodium, sodium ion selective electrode, mounting bracket and screws used to

## What's included?

Hach NA5600sc Sodium Analyser, 2 channel, with 2 channel installation kit and user manuals, reference electrode sodium, sodium ion selective electrode, mounting bracket and screws used to fix the mounting bracket, empty DIPA bottle

## **Required Accessories**

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Prognosys NA5600sc License Kit (Item 8428000)