



NA5600sc Online Sodium Analyser, 4-channel, with Cation Kit & Autocalibration, panel mount

Product #: LXV526.98.2314A

AED 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.

Specifications

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|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Accuracy: | 0.01 ppb - 40 ppb: ± 2 ppb 40 ppb - 200 ppm: $\pm 5\%$ |
| 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 ² (24 - 16 AWG) wire; 0.644 - 0.812 mm ² (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 254 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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|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Flow rate: | 100 - 150 mL/min (6 - 9 L/h) |
| Fuse: | Input power: T 1.6 A, 250 VAC |
| | Relays: T 5.0 A, 250 V |
| Include Autocalibration?: | Yes |
| Include Cation Kit?: | Yes |
| 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: | < 0.1 ppb |
| Load: | 600 Ohm |
| 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 - 200 ppm |
| Mounting: | Panel mount |
| Number of analog outputs: | 6 |
| Number of channels: | 4 |
| Number of relays: | 6 |
| Options: | Analyser with Cation Kit and Autocalibration |
| Parameter: | Sodium |
| pH Range: | 2 - 10 pH |
| Pollution degree: | 2 |
| Power requirements (Hz): | 50/60 Hz |
| Power requirements (Voltage): | 100 - 240 V AC |
| Protection rating: | IP65, PCBA housing |
| 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 ² (18 - 16 AWG) wire; 1.0 mm ² (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: | DIPA (1 L/month) at 25 °C for a sample pH target of 10.5 |
| Sample pressure: | 0.2 - 6 bar |
| Sample temperature: | 5 - 45 °C |
| Storage conditions: | -20 - 60 °C |
| Weight: | 14 kg with empty bottles |
| What's included?: | Hach NA5600sc Sodium Analyser, 4 channel, with 4 channel installation kit and user manuals, reference electrode sodium, sodium ion selective electrode, empty DIPA bottle, the cover for DIPA bottle and the tray for DIPA bottle which is installed in the analyser. |

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Required Accessories

- Prognosys NA5600sc License Kit (Item 8428000)