



Be Right™



Polymetron 9240 Sodium analyser, Standard, panel version, 1 channel

Produktnr: **09240=A=0001**

UTGÅNGEN ARTIKEL

Den här artikeln är inte längre tillgänglig.

Föreslagna ersättningar:

- LXV526.98.2111A

Low level sodium measurement in high purity water.

One channel Standard version with panel. Measuring range 0 - 10000 ppb (detection limit 0.01 ppb).

The easy to install sodium analyser integrates one to four channels to optimise rinsing sequences. Set up is managed through the readily accessible controller that has clear messages guiding the user through menus and sub menus. The analyser uses an auto-adapted rinsing sequence with a cycle time of 10 or more minutes.

To maintain optimum response time, even in systems of continuous low sodium concentration, the analyser provides automatic electrode reactivation. Reactivation uses non-hazardous chemicals and eliminates the need for manual reactivation or electrode etching.

Low maintenance

Maintenance of the 9240 analyser requires reagent replenishment only every 100 days and annual replacement of reagent tubing and the sodium electrode. Clear step-by-step instructions are provided to simplify maintenance operations.

Automatic electrode reactivation optimises operation and response time

To maintain optimum response time, even in systems of continuous low sodium concentration, the 9240 analyser provides automatic electrode reactivation. Reactivation uses non-hazardous chemicals and eliminates the need for manual reactivation or electrode etching.

Easy to operate and maintain with automatic calibration

Fully automatic calibration of the 9240 analyser avoids risk of contamination or human error. The system follows a multiple calibration step cycle to eliminate user variability and possible sample contamination. A convenient grab sample feature allows the user to check operation or measurement of a one-off process sample to reduce laboratory time. Unlike other analysers, a manual sample (250 mL) can be introduced without disconnecting any tubes. After sampling, the analyser automatically returns to on-line monitoring.

Data and diagnostics

The system displays comprehensive information for each sample stream. A built-in data logger captures measurement readings, calibration results and alarm information for future access. A step-by-step menu and submenu guides the user through all configuration, maintenance, and troubleshooting.

Specifikationer

Analoga utgångar: 6x 0/4 - 20 mA [800 Ohms] linear, dual, logarithmic / Smart

Antal kanaler: 1

Antal reläer: 4 programmable (concentration, temperature, minimum sample flow rate)

Depth panel: 252.5 mm

Dektionsgräns: DIPA: 0.01 ppb

NH₃: 2 ppb

Display :	Digital, 75 x 75 mm graphic with LED backlighting
Elektrodyttyp:	Concentration, trend curves, diagnostics, alarm status, calibration constants, historical data
Europeisk standard för EMC:	pH glass electrode
Europeiska standard för lågspänningssäkerhet:	EN 61326-1:2006, EN 61010-1:2001
Height (panel):	EN601010-1 (2001) for low voltage safety
Höjd:	850 mm
Inlopp:	<2000 m
Internationella standarder:	Simple fittings for 6 mm OD tubing or ¼" OD in PE-low density. ¼" OD in PHED-PTFE-SS as option
Kalibreringsmetod :	U. L. and GOST Metrology
Kommunikationsmöjligheter:	Automatic with known addition: 3 points
Lagringsförhållanden:	Manual: 1 or 2 points
Load:	Standard (4x 4-20 mA outputs)
Material:	-20 °C - 60 °C
Mätningsekategori:	650 Ohm
Matningskrav (Hz):	Measuring Cell: PMMA
Matningskrav (Spänning):	Cat II, Class 1 (overvoltage <1500 V)
Mätområde:	50 - 60 Hz
Prov: tryck:	100 - 240 V AC
Provbehandling:	0 - 10.000 ppb freely programmable;
Provflödeshastighet:	0 - 200 ppm with K-kit option
Provtemperatur:	Max. koncentration av suspenderade ämnen <10 ppm / <2 NTU, no oil, no grease. For boiler sample type, install approx. 100 µm filter i prov:
Relativ luftfuktighet:	Panel mount
Reläutgångar:	Number of analog outputs: 6
Repeterbarhet:	Omgivningstemperatur: 5 - 50 °C
Säkring:	Parameter: Sodium
Skyddsklass:	pH-område: 6 - 10 pH
Responstid T90:	Cationic application (using K-kit): 2 - 10 pH
Sökning:	Prov: tryck: 0,2 - 6 bar
Sökbehandling:	Provbehandling: Di-isopropylamine (1 L/100 days), recommended
Provflödeshastighet:	or
Provtemperatur:	NH ₃ (2.5 L/90 days)
Relativ luftfuktighet:	5 L/h during sampling phase
Reläutgångar:	5 - 45°C (41 - 113°F)
Repeterbarhet:	10 - 80 %
Säkring:	30 V DC, 0.5 A maximum
Skyddsklass:	DIPA: < 0.02 ppb or 1.5 % of reading (whichever is greater), within 10 °C variation
Responstid T90:	NH ₃ : < 0.1 ppb or 1.5% reading (whichever is greater), within 10 °C variation
Sökning:	1 cycle, minimum 10 minutes
Sökbehandling:	5x20 cartridge T2AL-250 V following CEI127
Sökflöde:	Transmitter: IP 65 (NEMA 4)

Panel: IP50 (dust protection)

Enclosure: IP54 (splash water proof)

≤ 0.1 ppb

Standard: <50 ppm

Using Kit K: <250 ppm (equivalent CaCO₃)

Underhållsintervall: Every 100 days: refill electrolyte, reagents, and calibration solution (using DIPA)

User interface: Menu driven operation and clear messages in 5 languages

Utgång : 2 (according to standard EN 61010-1)

Utlöpp: Barbed stem for 12 mm (½") ID hose

Vikt : Empty canisters: 18 kg

Full canisters: 20 kg

Width: 450 mm