



N-ISE sc Low cost ISE Nitrate probe (immersion) with RFID, 10 m cable

Produktnr: LXV440.99.20001
SEK Pris: Kontakta oss
Skickas inom 1 vecka

Carries out continuously direct measurements using an ion-selective electrode. No need for reagents or sample preparation. Compensated interference by chloride. Integrated pH reference element.

The Cartrical plus technology makes installation and cartridge replacement very easy. The code of the factory-calibrated sensor is automatically transferred to the system. This provides reliable measured values and considerably reduced maintenance time and costs in comparison with conventional ISE probes. The cartridge has a long lifetime in the application due to protected membranes.

The sensor is fully compatible with all digital SC controllers. Link2sc technology allows comparing measurement values from process and laboratory. An easy-to-hand cleaning unit is available.

Prognosys is a predictive diagnostic system that allows you to be proactive in your maintenance, by alerting you to upcoming instrument issues. Know with confidence whether changes in your measurements are due to changes in your instrument or your water.

This instrument connects to Claros, Hach's innovative Water Intelligence System, enabling you to seamlessly connect and manage instruments, data, and process – anywhere, anytime. The result is greater confidence in your data and improved efficiency in your operations. To unlock the full potential of Claros, insist on Claros Enabled instruments.

Now with more robust design of sensor and cartridge

Easy handling with Cartrical plus

Simple and intuitive operation

Always under control

Specifikationer

Dataöverföring:	Current output, relays and bus communication via SC controller
Detektionsgräns:	0.2 mg/L NO ₃ -N
Diameter:	84.5 mm
Flöde:	< 4 m/s max.
Fuktade material:	Probe: Stainless steel 1.4571; ASA + PC, silicon; PVC and PU; Sensor cartridge: PVC; POM; ABS; Stainless Steel 1.4571; NBR;
Garanti :	24 månader
Instrumentkompatibilitet:	SC200, SC1000, SC4500. All controllers sold separately
Kabellängd:	10 m fixed cable at sensor, extendable to 100m
Kalibreringsmetod :	With Cartrical plus technology: automatic import of factory calibration data from cartridge to probe by RFID*; 1 and 2 point matrix correction

Lagringsförhållanden:	5 - 40 °C sensor cartridge
Längd:	320 mm
Mätintervall:	Continuous
Mätmetod:	Potentiometric ion-selective measurement
Mätområde:	± 5 % av mätvärdet + 0.2 mg/L (with standard solution) NO ₃ -N
Monteringsvinkel:	45 ° ±15 ° (vertical in flow direction)
Noggrannhet:	±5 % of measured value + 0.2 mg/L NO ₃ -N (with standard solution)
Omgivningstemperatur:	Air: -20 - 45 °C
	Water: 2 - 40 °C
Parameter:	NO ₃ -N
pH-område:	5 - 9 pH
Processanslutning:	1 inch thread
Prov: tryck:	Max. 0.3 bar
Provtemperatur:	2 - 40°C (35,6 - 104°F)
Repeterbarhet:	±5 % (with standard solution) NO ₃ -N
Reproducerbarhet:	±5 % of the measured value + 0.2 mg/L NO ₃ -N
Responstid :	< 3 min
Sensor cartridge:	With Cartrical plus technology: compact housing containing calibrated electrodes for nitrate and chloride, reference system and temperature sensor, all calibrated to each other; typical lifetime 12 months
Skyddsklass:	IP68
Vad ingår i leveransen:	Nitrate probe, sensor cartridge, user manual
Vikt :	2,4 kg

Vad finns i förpackningen

Nitrate probe, sensor cartridge, user manual

Obligatoriska tillbehör

- SC1000 probmodul för 4 givare, 4x 4 - 20 mA UT, relä, 110 - 240 VAC, EU-kabel (Item LXV400.99.2R121)
- SC1000 displaymodul (Item LXV402.99.00001)
- SC4500-styrenhet, Prognosys, 5x mA-utgång, 2 digitala givare, 100 - 240 VAC, utan nätsladd (Item LXV525.99A11551)
- SC4500-styrenhet, Prognosys, 5x mA-utgång, 1 digital givare, 100 - 240 VAC, EU-stickkontakt (Item LXV525.99C11501)