



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

Številka izdelka:

LXV440.99.20001

EUR Cena:

Kontakt

Odprema v 1 tednu

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

Specifikacije

Delovna temperatura:	Air: -20 - 45 °C
	Water: 2 - 40 °C
Diameter:	84.5 mm
Dolžina:	320 mm
Dolžina kabla:	10 m fixed cable at sensor, extendable to 100m
Garancija:	24 mesecev
Kot namestitve:	45 ° ±15 ° (vertical in flow direction)
Materiali v stiku z vodo:	Probe: Stainless steel 1.4571; ASA + PC, silicon; PVC and PU;
	Sensor cartridge: PVC; POM; ABS; Stainless Steel 1.4571; NBR;
Meja zaznavanja:	0.2 mg/L NO ₃ -N

Merilna metoda:	Potentiometric ion-selective measurement
Merilna negotovost:	0.2 mg/L NO ₃ -N (with standard solutions)
Merilni interval:	Continuous
Merilno območje:	0 - 1000 mg/L NO ₃ -N , Cl ⁻
Natančnost:	±5 % of measured value + 0.2 mg/L NO ₃ -N (with standard solution)
Obnovljivost:	±5 % of the measured value + 0.2 mg/L NO ₃ -N
Odzivni čas :	< 3 min
Parameter:	NO ₃ -N
pH območje:	5 - 9 pH
Pogoji skladiščenja:	5 - 40 °C sensor cartridge
Ponovljivost:	±5 % (with standard solution) NO ₃ -N
Prenos podatkov:	Current output, relays and bus communication via SC controller
Pretok:	< 4 m/s max.
Procesni priključek:	1 inch thread
Razred zaščite:	IP68
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
Temperatura vzorca:	2 - 40°C (35,6 - 104°F)
Teža:	2.4 kg
Umertivena metoda:	With Cartrical plus technology: automatic import of factory calibration data from cartridge to probe by RFID*; 1 and 2 point matrix correction
Vsebina paketa:	Nitrate probe, sensor cartridge, user manual
Vzorec: tlak:	Max. 0.3 bar
Združljivost kontrolnih enot:	SC200, SC1000, SC4500. All controllers sold separately

Vsebina paketa

Nitrate probe, sensor cartridge, user manual

Obvezni pripomočki

- Sondni modul SC1000 za 4 senzorje, 4 izhodi 4 - 20 mA, rele, 110 - 240 V AC, kabel za EU (Item LXV400.99.2R121)
- Zaslonski modul SC1000 (Item LXV402.99.00001)
- Kontrolna enota SC4500, Prognosys, 5 izhodov mA, 2 digitalna senzorja, brez vtiča (Item LXV525.99A11551)
- SC4500 Controller, Prognosys, 5x mA Output, 1 digital Sensor, 100-240 VAC, EU plug (Item LXV525.99C11501)