

**Ion Selective Electrode
Nitrate for multiparameter
HI 9829**

HI7609829-12

**Description**

The HI7609829-12 is a combined selective liquid membrane sensor, used for the detection of nitrate-nitrogen in freshwater samples. Its double junction design contains a reference chamber filled with Ag/AgCl gel. The HI7609829-12 uses a polymeric membrane, compactly integrated into a PVC body. This sensor is used in the pH module slot of the HI 9829 probe.

*PEI sensor body.

*Polymer membrane.

*Color coded sensor.

Specifications

Nitrate Range - Nitrogen	0.62 to 200.0 ppm N (as NO ₃ --N)
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Resolution Nitrate - Nitrogen	0.01 ppm to 1 ppm 0.1 ppm to 200 ppm
Precision Nitrate - Nitrogen	±5% of reading or 2 ppm, whichever is greater
Calibration Nitrate - Nitrogen	1 or 2 points, 10 ppm and 100 ppm
Temperature range	0 to 40°C
Color code	Red
Body	Polyetherimide (PEI)
Membrane	Polymeric liquid
Electrolyte	Ice
Reference	Double
Size	118X15 mm
Depth	5m
IP rating	IP68
Warranty	6 months, against manufacturing defects

Accessories

Solutions for calibration ISE Nitrate HI 9829-14/15 (10ppm and 100ppm contains 10 envelopes of each) (NOT included).

How to order

Ion Selective Electrode (ISE) Nitrate HI7609829-12, supplied with Quality Certificate.

Advantages

PEI sensor body

The PEI (polyetherimide) electrode body is suitable for a wide range of applications and excels in them field measurements due to its durability. The armor around the tip minimizes breakage due to shocks or accidental drops of the electrode. PEI plastic is a high quality plastic that is chemically resistant to many aggressive chemical products.

Polymer membrane

The sensor is built with a polymer membrane that contains a specifically designed nitrate ionophore to select nitrate ions.

Color-coded sensor

The sensors are color-coded to match the module slots in the probe for quick connection and identification, replaceable in the field, screw-type.

Video

Does not specify