HI 96728

Nitrate (as Nitrogen) Portable Photometer

PEWA
Messtechnik GmbH

Weidenweg 21
58239 Schwerte

Tel.: 02304-96109-0
Fax: 02304-96109-88
E-Mail: info@pewa.de
Homepage : www.pewa .de

- CAL CHECK™
- User calibration
- Certified calibration and verification standards
- BEPS (Battery Error Prevention System)
- TIMER function
- Auto shut-off
- GLP Features

Nitrates are present in nature as a result of decomposition of organic microorganisms or due to their use as fertilizers. Nitrates reduce to nitrites, which in turn easily combine to form substances dangerous to man.

A maximum level of 45 mg/L (ppm) is established as a worldwide guideline for nitrate concentration in water. In Europe, the maximum consented level of nitrates in potable water is 50.0 mg/L (ppm), while in the USA the EPA has established a guideline for the maximum level of nitrate—nitrogen of 10 mg/L (NO-3-N), which corresponds to 45.0 mg/L of nitrates.

The HI 96728 meter measures the nitrate content in water and wastewater.

This meter uses an exclusive positive-locking system to ensure that the cuvette is in the same place every time it is placed into the measurement cell.

Order Information:
HI 96728 is supplied with sample cuvettes with caps (2), 9V battery and instruction manual.
HI 96728C include photometer, sample cuvettes with caps (2 ea.), 9V battery, scissors, cloth for wiping cuvettes, instrument quality certificate, instruction manual and rigid carrying case.

Specifications | Accessories | Downloads

Range	0.0 to 30.0 mg/L
Resolution	0.1 mg/L
Accuracy	±0.5 mg/L ±10% of reading@ 25°C
Light Source	Tungsten lamp
Light Detector	Silicon photocell with narrow band interference filter @ 525 nm
Environment	0 to 50°C (32 to 122°F); RH max 95% non-condensing
Power Supply	(1) 9V battery
Auto-off	After 10 minutes of non-use in measurement mode; after 1 hour of non-use in calibration mode; with last reading reminder.
Dimensions	192 x 104 x 69 mm (7.6 x 4.1 x 2.7")
Weight	360 g (12.7 oz.)
Method	Adaptation of the cadmium reduction method.