

HI 96707

Nitrite, Low Range Photometer

Water Resistant and CAL CHECK™



Affordable Nitrite Analysis

The HI 96707 meter measures the Nitrogen-Nitrite (NO_2^- -N) content in the 0.000 to 0.600 mg/L (ppm) range, in drinking, surface and saline water samples and in domestic and industrial wastes. The method is an adaptation of an EPA approved method.

The HI 96707 is an auto diagnostic portable microprocessor meter that benefits from HANNA's years of experience as a manufacturer of analytical instruments. It has the advanced optical system based on a special tungsten lamp and a narrow band interference filter that allows most accurate and repeatable readings. All instruments are factory calibrated and the electronic and optical design minimizes the need of frequent calibration.

With the powerful CAL CHECK™ validation function, you are able to validate performance of your instrument at any time. The validation procedure is extremely user friendly. Just use the exclusive HANNA ready-made, NIST traceable standards to verify the performance of the instrument and recalibrate if necessary.

The instrument is water resistant and the lamp and filter units are protected from dust or dirt by a transparent cup. This makes the instrument ideal for field applications. Display messages aid the user in routine operation. The meter has an auto-shut off feature that will turn off the instrument after 10 minutes of non use in measurement mode or after 1 hour if left in calibration mode.

The meter uses an exclusive positive-locking system to ensure that the cuvet is in the same position every time it is placed into the measurement cell. It is designed to fit a cuvet with a larger neck making it easier to add both sample and reagents. The cuvet is made from special optical glass to obtain best results.

The reagent is in powder form and is supplied in packets. The amount of reagent is precisely dosed to ensure the maximum repeatability.

SPECIFICATIONS

HI 96707

Range	0.000 to 0.600 mg/L (as NO_2^- -N)
Resolution	0.001 mg/L
Precision	± 0.001 mg/L to 0.100 mg/L
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' of non-use in measurement mode; after 1 hour of non-use in calibration mode; with last reading reminder.
Dimensions	192 x 102 x 67 mm (7.6 x 4 x 2.6")
Weight	290 g (10 oz.)
Method	Adaptation of an EPA approved method.



Available as a KIT

Just choose the "C" version

HI 96715C kit version shown.

ORDERING INFORMATION

HI 96707 is supplied with (2) sample cuvetts with caps, 9V battery and instruction manual.

HI 96707C is supplied with CAL CHECK™ standard cuvetts, (2) sample cuvetts with caps, 9V battery, cuvet cleaning cloth, scissors and instruction manual in a hard carrying case.

REAGENTS AND STANDARDS

HI 95707-11 CAL CHECK™ Standard Cuvetts (1 set)

HI 93707-01 Reagents for 100 tests

HI 93707-03 Reagents for 300 tests

SOLUTIONS

HI 93703-50 Cuvet cleaning solution, 250 mL

ACCESSORIES

HI 740029P 9V Batteries (10)

HI 721310 9V Batteries (100)

HI 731318 Cuvet cleaning cloth (4)

HI 731331 Measuring cuvetts (4)

HI 731335 Cuvet caps (4)