

Hanna salt meter - direct readout in g/L

The HI 931102 salt meter is an ion selective meter that uses a sodium electrode to read the salt content of a solution.

Designed for food testing the HI 931102 is a powerful instrument with four ranges capable of measuring concentrations from 0.150g/L to 300g/L.

This meter is also able to auto range from sample to sample without the need for recalibration.

A separate temperature probe provides temperature readings from -20°C to +120°C, making it ideal for use in most food applications.

dip & test

- good for large volume solutions

Large dual level LCD displays parameter and temperature simultaneously

Clear tutorial messages on LCD make meter easy to use

Large rubberised buttons for ease of use

Waterproof casing



Stainless steel temperature probe with 1m cable (not included)

FC300B combination sodium electrode can be used to take wider sodium readings from 15.0mg/L to 60g/L (not included)

Key features

Dedicated to food care

Powerful instrument with measurement over four ranges

Automatic calibration

Waterproof, lightweight, portable

Supplied with

Batteries
Instructions
Carrying case

Accessories



FC300B sodium ion electrode



HI 7662 stainless steel temperature probe with 1m cable

Solutions

To maintain accuracy and ensure optimum results, we recommend the use of Hanna calibration solutions with your meter. These are available in ready to use 500ml bottles and allow the meter and electrode to be calibrated at 1 or 2 points on the salt scale.

- HI 7083L = 3g/L NaCl calibration solution
- HI 7085 = 0.3g/L NaCL calibration solution
- HI 7081 = 30g/L NaCL calibration solution



Specifications

| | | |
|--------------------------|--|--|
| Product Code | HI 931102 | |
| Range | NaCl | 0.150 to 1.500 g/L NaCl 1.50 to 15.00 g/L NaCl 15.0 to 150.0 g/L NaCl 150 to 300 g/L NaCl 0.0 to 30.0 % NaCl |
| | Temperature | -20.0 to 120.0°C |
| Resolution | NaCl | 0.001 g/L NaCl 0.01 g/L NaCl 0.1 g/L NaCl 1 g/L NaCl 0.1 % NaCl |
| | Temperature | 0.1°C |
| Accuracy (@ 20 °C) | NaCl | ±5% of reading |
| | Temperature | ±0.2°C (±0.4°F) (excluding probe error) |
| Calibration | automatic, one or two point at 0.30 g/L (HI 7085) 3.00 g/L (HI 7083) 30.0 g/L (HI 7081) | |
| Temperature Compensation | fixed at 25°C | |
| Electrode | FC 300B glass body sodium ion electrode with BNC connector and 1 m (3.3') cable (not included) | |
| Temperature Probe | HI 7662 stainless steel temperature probe with 1 m (3.3') cable (not included) | |
| Input Impedance | 1012 Ohm | |
| Battery Type / Life | 1.5V AAA (3) / approx. 200 hours of continuous use | |
| Environment | 0 to 50°C (32 to 122°F); RH max 100% | |
| Dimensions | 185 x 72 x 36 mm | |
| Weight | 300 g | |

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