

# HACCP Compliant Salinity Foodcare Meter

- Tutorial messages on LCD display
- Calibration reminder
- Displays parameter and temperature readings simultaneously
- Automatic calibration
- Dual-level LCD

HANNA has designed this waterproof salinity meter for use in food production.

HI 931102 is an ion-selective meter that uses a sodium electrode to read the salt (NaCl) content of a solution. This powerful instrument has four ranges, capable of measuring concentrations from 0.150 g/L to 300 g/L. This meter is able to auto range from sample to sample over an extremely broad range without the need for recalibration.

HI 931102 uses the FC 300B combination sodium electrode (not included) to give you sodium readings from 15.0 mg/L to 60 g/L. The calibration process is automatic at 2 points, the first is at 3.00 g/L while the second can be either at 0.30 g/L (low range) or at 30.0 g/L (high range).

A separate temperature probe, HI 7662, provides temperature readings from -20 to 120°C.



## ORDERING INFORMATION

HI 931102 is supplied with batteries, instructions and hard carrying case.

## ELECTRODES

<b>FC 300B</b>	Glass body sodium ion electrode with BNC connector and 1 m (3.3') cable
<b>HI 7662</b>	Stainless steel temperature probe with 1 m (3.3') cable

## SOLUTIONS

<b>HI 7080L</b>	2.3 g/L Na solution, 500 mL
<b>HI 7081L</b>	30 g/L NaCl solution, 500 mL
<b>HI 7083L</b>	3 g/L NaCl solution, 500 mL
<b>HI 7085L</b>	0.3 g/L NaCl solution, 500 mL
<b>HI 7086L</b>	23.0 g/L Na solution, 500 mL
<b>HI 7087L</b>	0.23 g/L Na solution, 500 mL
<b>HI 7090L</b>	ISA solution, 500 mL

## ACCESSORIES

<b>HI 76405</b>	Electrode holder
<b>HI 721317</b>	Rugged carrying case

## SPECIFICATIONS

		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
	°C	-20.0 to 120.0°C (-4.0 to 248.0°F)
Resolution	NaCl	0.001 g/L NaCl; 0.01 g/L NaCl; 0.1 g/L NaCl; 1 g/L NaCl; 0.1 % NaCl
	°C	0.1°C (0.1°F)
Accuracy (@20°C)	NaCl	±5% of reading
	°C	±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 (77°F)
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		10 <sup>12</sup> 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 (7.3 x 2.8 x 1.4")
Weight		300 g (10.6 oz.)

# NT(주)뉴텍계기

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