

Waterproof Salinity Content Meter

- Measures salinity content and temperature
- Rugged and waterproof for harsh processing environments
- 4 ranges of measurement for salinity



HANNA instruments® has designed these two rugged waterproof salinity and sodium meters for regular use in the lab, as well as in harsh processing environments. HI 931100 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, allowing measurements in concentrations from 0.150 g/L to 300 g/L. HI 931100 autoranges from sample to sample allowing an extremely wide range of measurements without recalibration.

HI 931100 is supplied with 4x1.5V AA batteries and instruction manual in a rugged case.

Available Accessories:

- FC 300B** Sodium selective electrode
- HI 721317** Hard carrying case
- HI 7080L** Solution 2.3 g/L Na, 460 mL
- HI 7081L** Solution 30 g/L NaCl, 460 mL
- HI 7083L** Solution 3 g/L NaCl, 460 mL
- HI 7085L** Solution 0.3 g/L NaCl, 460 mL
- HI 7086L** Solution 23.0 g/L Na, 460 mL
- HI 7087L** Solution 0.23 g/L, Na 460 mL
- HI 7090L** ISA solution, 460 mL
- HI 76405** Electrode holder
- HI 7662** Temperature probe
- HI 8093** Electrolyte solution (4 x 30 mL)

Specifications:

| | |
|------------------------------|---|
| Range | 0.150 to 1.500; 1.50 to 15.00; 15.0 to 150.0; 150 to 300 NaCl (g/L), 0.0 to 80.0°C |
| Resolution | 0.001; 0.01; 0.1; 1 NaCl (g/L), 0.1°C |
| Accuracy (@20°C/68°F) | ±5% of reading NaCl (g/L), ±0.5°C |
| Typical EMC Deviation | ±2% F.S. NaCl (g/L), ±0.5°C |
| Calibration | Automatic 2 points at 3.00 g/L and 0.30 g/L or 30.0 g/L |
| Temp. Compensation | Fixed at 25°C (77°F) |
| Electrode | Combination sodium selective glass electrode with 1 m (3.3') BNC cable (not included) |
| Temperature Probe | Temperature probe with 1 m cable (not included) |
| Battery Type / Life | 4 x 1.5V AA/approximately 200 hours of continuous use |
| Environment | 0 to 50°C (32 to 122°F); RH 100% |
| Dimensions | 196 x 80 x 60 mm (7.7 x 3.1 x 2.3") |
| Weight | 450 g (15.8 oz.) |