

Direct, accurate sodium ion measurement

Forget pH adjustment and fiddly conversion. The outstanding selectivity of the flat sodium ion electrode in the CARDY Salt Meter means accurate measurement regardless of pH and other ions. The meter also features automatic temperature compensation and an integral microchip that converts sodium ion concentration to salt content (wt% NaCl).

Flat sensor gives easy measurement from tiny samples

No more containers or messy probes to contend with. Measurement is a simple matter of placing a minute sample directly on the flat sensor pad. All you need is a drop or two (0.1—0.15ml) of liquid samples. Solids and powders can be measured, too. (just grind up finely and dilute to a 10:1 solution with pure water.)* What's more, if you ever need the sensor cartridge snaps in and out of the instrument at a touch for quick and easy replacement.

*Extraction method



The ultra-slim, ultra-light, shirtpocket portability

The size and weight of a cassette tape, CARDY meters slip neatly into your shirt pocket.

This is THE portable instrument for simple, accurate salt content measurement wherever and whenever it is needed.

The correlation with flame photometry is shown below.

HORIBA

Specifications

Principle: Sodium ion electrode method

Measurement range:

0.1–10% NaCl (w/w)

Display range: 0–25% NaCl (w/w)

Resolution: 0.01% for 0–0.99%

0.1% for 1.0–9.9%

1% for 10–25%

Calibration: 2-point calibration by STD/SLOPE volumes using standard calibration solutions

Sample temperature: 5–35°C/41–95°F

Power: CR-2025 lithium cells (x2), approx. 500 hrs continuous operation

Weight: Approx. 40g, 1.4 oz

Dimensions:

95 × 55 × 9mm, 3.7 × 2.2 × 0.35 in

Accessories

- Standard solution NaCl 5.0%
- Standard solution NaCl 0.5%
- Deionized water
- Sampling sheets
- Tweezers
- Instruction booklet