



*Don't leave your lab without it—
shirt-pocket convenience, bench-top precision*

The ultra-slim, credit card size CARDY salt meter is compact and light enough to slip into your shirt pocket yet gives outstanding repeatability in sodium ion measurement. It needs no pH adjustment and is so simple to use you won't believe it. Just drop a tiny 0.1 ml of sample onto the flat sensor pad and you get accurate salt content data. Every food processor, medical technician or health professional should have a CARDY. Pop a CARDY in your pocket today.



COMPACT SALT METER C-121

CARDY

SALT

HORIBA

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 – 0.15 ml) 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

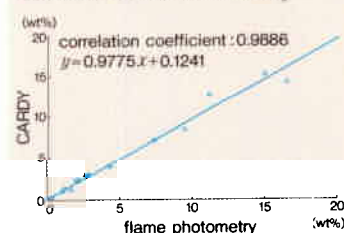
CARDY is the word for portability and convenience



The ultra-slim, ultra-light, shirt-pocket 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.

Correlation with Flame Photometry



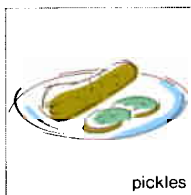
HOW TO USE THE CARDY

direct method – liquid



Drip a drop or two (approx. 0.1 ml) of canned soup directly onto the sensor.

direct method – solid



Place a small piece of pickles directly on the sensor.

*Extraction method is recommended when strict data is required.

sampling sheet method



Wipe the surface with a sampling sheet soaked in pure water and place this on the sensor.

flat sensor



Convenient soft case holds everything you need

A fully fitted soft case takes your **CARDY** meter and everything else you might need for measurement and calibration. With this tiny laboratory in hand, you and your **CARDY** can go all day, or all week, conveniently.

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 (×2),

approx. 500 hrs continuous operation

Weight: Approx. 40 g, 1.4 oz

Dimensions:

95 × 55 × 9 mm, 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

HORIBA

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