

SPECIFICATIONS

	Na ⁺ (C-122)	K ⁺ (C-131)	NO ₃ ⁻ (C-141)
Principle	Sodium ion electrode method	Potassium ion electrode method	Nitrate ion electrode method
Display	LCD, 2-digit		
Guarantee range	23-2300 ppm (10 ⁻³ -10 ⁻¹ mol/l)*	39-3900 ppm (10 ⁻³ -10 ⁻¹ mol/l)*	62-6200 ppm (10 ⁻³ -10 ⁻¹ mol/l)*
Display range	0-99×100 ppm		
Resolution	1 ppm for 0-99 ppm, 10 ppm for 10-99×10 ppm, 100 ppm for 10-99×100 ppm		
Calibration	2-point calibration by STD/SLOPE controls using standard calibration solutions, STD:2000 ppm, SLOPE:150 ppm		
Repeatability	±20 % of display value		
Sample temperature	5-35°C/41-95°F (temperature compensated at ambient temperature)		
Power	CR-2025 lithium cell (×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		
Standard accessories	Na ⁺ standard solution STD 2000 ppm, SLOPE 150 ppm	K ⁺ standard solution STD 2000 ppm, SLOPE 150 ppm	NO ₃ ⁻ standard solution STD 2000 ppm, SLOPE 150 ppm
	Deionized water (2 bottles) sampling sheet, tweezers, pipet, instruction booklet		

* Units can be used beyond 10-3 to 10-1 mol/l.

CARDY Ion Meters' Electrode Selectivity Coefficients

	Na ⁺	K ⁺	NO ₃ ⁻
Selectivity coefficient	K ⁺ , Rb ⁺ =1×10 ⁻² Li ⁺ =1×10 ⁻³ NH ₄ ⁺ =6×10 ⁻³ Ca ²⁺ , Sr ²⁺ , Ba ²⁺ , Mg ²⁺ Cs ⁺ =3×10 ⁻³ =1×10 ⁻⁴ pH range:pH 3-9 (at 10 ⁻³ mol/l)	Rb ⁺ =1×10 ⁻¹ Na ⁺ =3×10 ⁻⁴ NH ₄ ⁺ =7×10 ⁻³ Mg ²⁺ =1×10 ⁻⁵ Cs ⁺ =4×10 ⁻³ Ca ²⁺ =7×10 ⁻⁷ pH range:pH 2-9 (at 10 ⁻³ mol/l)	I ⁻ =7×10 ⁻¹⁰ Cl ⁻ =4×10 ⁻² Br ⁻ =9×10 ⁻¹ ClO ₄ ⁻ =3×10 ⁻³ NO ₂ ⁻ =7×10 ⁻¹ pH range:pH 3-8 (at 10 ⁻³ mol/l)

Spare Parts

- Na⁺ standard solution set (Y024):
STD, 2000 ppm2 btl. SLOPE, 150 pp....2 btl.
Deionized water....4 btl.
- K⁺ standard solution set (Y025):
STD, 2000 ppm2 btl. SLOPE, 150 pp....2 btl.
Deionized water....4 btl.
- NO₃⁻ standard solution set (Y026):
STD, 2000 ppm2 btl. SLOPE, 150 pp....2 btl.
Deionized water....4 btl.
- Sampling sheet (Y011):10 booklet/set
- Soft case (Y091)
- Na⁺ flat sensor (0221)
- K⁺ flat sensor (0231)
- NO₃⁻ flat sensor (0241)



Please read the operation manual before using this product to assure safe and proper handling of the product.

HORIBA