

Specifications

(Na⁺/K⁺, Na⁺/K⁺/Cl⁻, Na⁺/K⁺/Li⁺, Na⁺/K⁺/Ca⁺⁺/pH)

MEDICA
Products for Health Care

CLIA Classification: Moderate Complexity
Sample Type: Whole Blood, Serum, Plasma or Urine
Sample Size: 100 µL Whole Blood, Serum, Plasma, 60 µL capillary or 400 µL diluted (1:10) Urine
Method: Direct measurement by Ion Selective Electrode (ISE)

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Measurement Range:

Blood	Urine
Na ⁺ : 20 – 200 mmol/L	Na ⁺ : 25 – 1000 mmol/L
K ⁺ : 0.2 – 40 mmol/L	K ⁺ : 1.0 – 500 mmol/L
Cl ⁻ : 25 – 200 mmol/L	Cl ⁻ : 25 – 500 mmol/L
Li ⁺ : 0.2 – 5.0 mmol/L	
Ca ⁺⁺ : 0.1 – 6.0 mmol/L	
pH: 6.0 – 8.0 Units	

Display Resolution: Na⁺: 0.1 mmol/L K⁺: 0.01 mmol/L Cl⁻: 0.1 mmol/L
Li⁺: 0.01 mmol/L Ca⁺⁺: 0.01 mmol/L pH: 0.005 units

	Na ⁺ /K ⁺	Na ⁺ /K ⁺ /Cl ⁻	Na ⁺ /K ⁺ /Li ⁺	Na ⁺ /K ⁺ /Ca ⁺⁺ /pH
Analysis time (blood)	55 sec	55 sec	55 sec	60 sec
Urine Mode	Yes	Yes	Yes	No
Analysis time (urine)	90 sec	90 sec	90 sec	N/A
EasySampler	Yes	Yes	Yes	No
Capillary Samples	Yes	Yes	Yes	No
Data Storage:	Patient results — up to 128 samples QC results — up to 20 each Normal, Low, and High			

Calibration: Automatic or On-Demand

Output: 128 x 64 pixel graphic display
24 column thermal printer
Serial port (RS-232), EasySampler port

Ambient Conditions: 15–32°C (60–90°F), <85% humidity

Power: 100-240 VAC 50/60 Hz, 0.8A

Size & Weight: 9.5"W x 16.5"H x 8.0"D (24 cm W x 42 cm H x 20 cm D) 13 lbs. (5.8 kg)

