

Specifications

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

MEDICA

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)														
Measurement Range:	<table><thead><tr><th>Blood</th><th>Urine</th></tr></thead><tbody><tr><td>Na⁺: 20 – 200 mmol/L</td><td>Na⁺: 25 – 1000 mmol/L</td></tr><tr><td>K⁺: 0.2 – 40 mmol/L</td><td>K⁺: 1.0 – 500 mmol/L</td></tr><tr><td>Cl⁻: 25 – 200 mmol/L</td><td>Cl⁻: 25 – 500 mmol/L</td></tr><tr><td>Li⁺: 0.2 – 5.0 mmol/L</td><td></td></tr><tr><td>Ca⁺⁺: 0.1 – 6.0 mmol/L</td><td></td></tr><tr><td>pH: 6.0 – 8.0 Units</td><td></td></tr></tbody></table>	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	
Blood	Urine														
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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														
Analysis time (blood)	<table><thead><tr><th>Na⁺/K⁺</th><th>Na⁺/K⁺/Cl⁻</th><th>Na⁺/K⁺/Li⁺</th><th>Na⁺/K⁺/Ca⁺⁺/pH</th></tr></thead><tbody><tr><td>55 sec</td><td>55 sec</td><td>55 sec</td><td>60 sec</td></tr></tbody></table>	Na ⁺ /K ⁺	Na ⁺ /K ⁺ /Cl ⁻	Na ⁺ /K ⁺ /Li ⁺	Na ⁺ /K ⁺ /Ca ⁺⁺ /pH	55 sec	55 sec	55 sec	60 sec						
Na ⁺ /K ⁺	Na ⁺ /K ⁺ /Cl ⁻	Na ⁺ /K ⁺ /Li ⁺	Na ⁺ /K ⁺ /Ca ⁺⁺ /pH												
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)														

Medica Corporation
5 Oak Park Drive
Bedford, MA 01730-1413
USA

USA 800 777 5983

Global +1 781 275 4892

Fax 781 275 2731

medicacorp.com