

## Specifications

(Na<sup>+</sup>/K<sup>+</sup>, Na<sup>+</sup>/K<sup>+</sup>/Cl<sup>-</sup>, Na<sup>+</sup>/K<sup>+</sup>/Li<sup>+</sup>, Na<sup>+</sup>/K<sup>+</sup>/Ca<sup>++</sup>/pH, Na<sup>+</sup>/K<sup>+</sup>/Cl<sup>-</sup>/Ca<sup>++</sup>, Na<sup>+</sup>/K<sup>+</sup>/Cl<sup>-</sup>/Li<sup>+</sup>)

# MEDICA

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

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

USA 800 777 5983

Global +1 781 275 4892

Fax 781 275 2731

medicacorp.com

<b>Measurement Range:</b>	<b>Blood</b>	<b>Urine</b>	
	Na <sup>+</sup> :	20 – 200 mmol/L	Na <sup>+</sup> : 25 – 1000 mmol/L
	K <sup>+</sup> :	0.2 – 40 mmol/L	K <sup>+</sup> : 1.0 – 500 mmol/L
	Cl <sup>-</sup> :	25 – 200 mmol/L	Cl <sup>-</sup> : 25 – 500 mmol/L
	Li <sup>+</sup> :	0.2 – 5.0 mmol/L	
	Ca <sup>++</sup> :	0.1 – 6.0 mmol/L	
	pH:	6.0 – 8.0 Units	

<b>Display Resolution:</b>	Na <sup>+</sup> : 0.1 mmol/L	K <sup>+</sup> : 0.01 mmol/L	Cl <sup>-</sup> : 0.1 mmol/L
	Li <sup>+</sup> : 0.01 mmol/L	Ca <sup>++</sup> : 0.01 mmol/L	pH: 0.005 units

	Na <sup>+</sup> /K <sup>+</sup>	Na <sup>+</sup> /K <sup>+</sup> /Cl <sup>-</sup>	Na <sup>+</sup> /K <sup>+</sup> /Li <sup>+</sup>	Na <sup>+</sup> /K <sup>+</sup> /Ca <sup>++</sup> /pH	Na <sup>+</sup> /K <sup>+</sup> /Cl <sup>-</sup> /Ca <sup>++</sup>	Na <sup>+</sup> /K <sup>+</sup> /Cl <sup>-</sup> /Li <sup>+</sup>
<b>Analysis time (blood)</b>	55 sec	55 sec	55 sec	60 sec	60 sec	60 sec
<b>Urine Mode</b>	Yes	Yes	Yes**	No	Yes*	Yes**
<b>Analysis time (urine)</b>	90 sec	90 sec	90 sec	N/A	90 sec	90 sec
<b>Vet Mode</b>	Yes	Yes	No	No	No	No
<b>EasySampler</b>	Yes	Yes	Yes	Yes	Yes	Yes
<b>Capillary Samples</b>	Yes	Yes	Yes	No	No	No
<b>Bar Code Reader (Sample ID)</b>	No	Yes	Yes	Yes	Yes	Yes

<b>Data Storage:</b>	Patient results — up to 128 samples QC results — up to 20 each Normal, Low, and High
----------------------	---

<b>Calibration:</b>	Automatic or On-Demand
---------------------	------------------------

<b>Output:</b>	128 x 64 pixel graphic display 24 column thermal printer Serial port (RS-232), EasySampler port Serial Y cable, connects barcode reader / PC
----------------	---

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

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

<b>Size &amp; Weight:</b>	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)
---------------------------	---

\* Calcium Results Not Reported

\*\* Lithium Results Not Reported