

Anexa 10 Analizator ionoselectiv Na, K, Cl

Caracteristici solicitate	Caracteristici oferite EasyLyte Na/K/Cl, Medica Corporation, SUA
Analizator ionoselectiv Na, K, Cl Cod 150610 Descriere Analizatoarele de electroliți testează unul sau mai multi electroliți folosind electrozi iono-selectivi. Parametrul Specificația Tip probă Ser Urină Plasmă Sînge integru Tip analize Na,K, Cl Spălare automată obligatoriu Display LCD sau LED Printer obligatoriu Data management obligatoriu Interfața PC obligatoriu Reagenți Reagenți Să fie inclus toți reagenții necesari cît și alte accesorii, piese necesare pentru efectuarea analizelor și buna funcționare ≥ 1000 analize Perioada de valabilitate a reagentilor din momentul livrării ≥ 6 luni	Analizator ionoselectiv Na, K, Cl -pag.1 Cod 150610 Descriere Analizatoarele de electroliți testează unul sau mai multi electroliți folosind electrozi iono-selectivi- pag 6 Parametrul Specificația Tip probă Ser da – pag 2 Urină da – pag 2 Plasmă da – pag 2 Sînge integru da – pag 2 Tip analize Na da – pag 1,6 K da – pag 1,6 Cl da – pag 1,6 Spălare automată si la necesitate da – pag 6 (Calibration, in precesul de calibrare are loc si spalarea atit automata cit si la necesitate) Display LCD da -pag 1 poza Printer da -pag 1 poza Data management da - pag 5 Interfața PC da – pag 6 Reagenți Reagenți " inclusi toți reagenții necesari cît și alte accesorii, piese necesare pentru efectuarea analizelor și buna funcționare" - 1000 analize Perioada de valabilitate a reagentilor din momentul livrării ≥ 6 luni

MEDICA

Results Within Reach Since 1983

EasyLyte[®] medicacorp.com

Na^+/K^+

$\text{Na}^+/\text{K}^+/\text{Cl}^-$

$\text{Na}^+/\text{K}^+/\text{Li}^+$

$\text{Na}^+/\text{K}^+/\text{Ca}^{++}/\text{pH}$

$\text{Na}^+/\text{K}^+/\text{Cl}^-/\text{Ca}^{++}$

$\text{Na}^+/\text{K}^+/\text{Cl}^-/\text{Li}^+$



EasyLyte®

easy inside and out

- **Easy to Use**

Simple, menu-driven, Yes/No prompted operation
Whole blood, serum, plasma or urine samples
Results printed automatically in less than 60 seconds
Automatic or on-demand calibration
Automatic probe wiping

- **Easy to Maintain**

All calibrants contained in convenient, disposable solutions pack
All waste collected in solutions pack
Disposable electrodes require no maintenance
Modular design makes maintaining analyzer simple and fast

- **Easy to Afford**

Low analyzer purchase price
Low cost per test

- **Available in five models:**

- **EasyLyte** Na^+/K^+
- **EasyLytePLUS** $\text{Na}^+/\text{K}^+/\text{Cl}^-$
- **EasyLyteLithium** $\text{Na}^+/\text{K}^+/\text{Li}^+$
- **EasyLyteCalcium** $\text{Na}^+/\text{K}^+/\text{Ca}^{++}/\text{pH}$
- **EasyLyteExpand** $\text{Na}^+/\text{K}^+/\text{Cl}^-/\text{Ca}^{++}$ or Li^+





Modular, maintenance-free electrodes



Pressing Yes or No buttons is all that is required to analyze serum, plasma or whole blood

Cl⁻



Internal printer prints patient results, calibration values, quality control data, and results summaries, flagging abnormal results



K⁺

Self-contained Solutions Pack contains liquid calibrants and collects all waste, eliminates sample contact



Capillary sampler is removable and disposable



EasySampler

The modular EasySampler connects quickly to EasyLyte analyzers, enhancing laboratory performance.

- 21 sample positions
- Dedicated Stat position
- Normal/Abnormal QC positions
- Optional auto-repeat of out-of-range values

Li+

pH

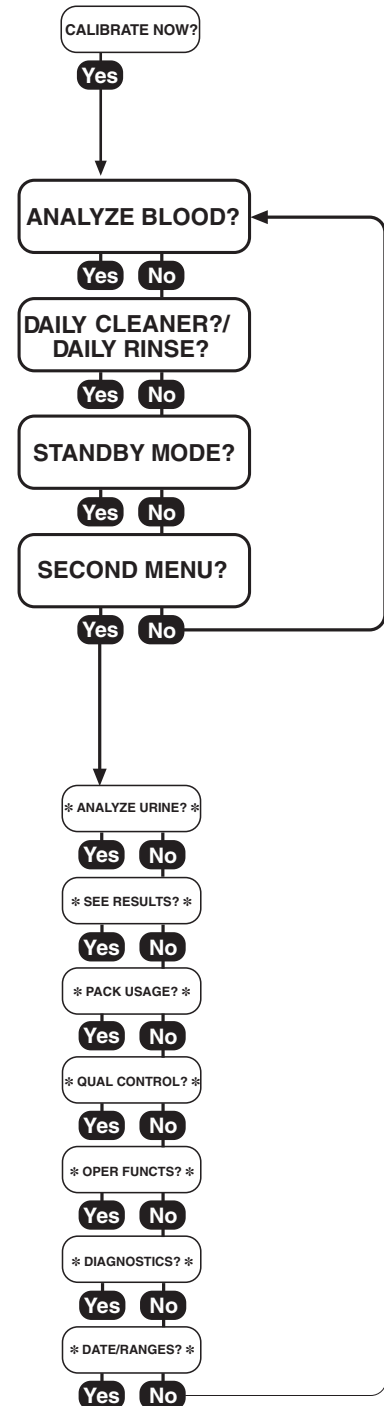
Analyzer software insures ease of operation

Software computes quality control statistics, flags abnormal results, and monitors performance.

- Two button operation
- Automatic calibration
- User-friendly menu

Ca++

Na+



Specifications

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

MEDICA

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

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

Data Storage:	Patient results — up to 128 samples QC results — up to 20 each Normal, Low, and High
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Calibration:	Automatic or On-Demand
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Output:	128 x 64 pixel graphic display 24 column thermal printer Serial port (RS-232), EasySampler port Serial Y cable, connects barcode reader / PC
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Ambient Conditions:	15–32°C (60–90°F), <85% humidity
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Power:	100-240 VAC 50/60 Hz, 0.8A
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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)
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* Calcium Results Not Reported

** Lithium Results Not Reported