

GIESSE[®] DIAGNOSTICS

Italian IVD manufacturer since 1978
Worldwide distributed

**YOUR
RELIABLE PARTNER**



e-Lyte

Electrolyte Analyzer

 TÜV CE

Features

- Compact, economical and easy-to-use
- Excellent precision and reliability
- Long life, high performance, maintenance-free electrodes
- Automatic sampling, priming, rinsing and calibration
- Touch-screen, large LCD display
- Internal thermal recorder
- Auto sampler optional

Specifications

- Principle: Direct measurement by Ion Selective Electrode (ISE)
- Sample: whole blood, serum, plasma, diluted urine
- Sample volume: 150 µl
- Throughput: up to 60 samples/h
- Data storage: up to 200 patient results
- Calibration: Automatic or On-demand
- Input: Touch-screen
- Display: Large LCD with backlight
- Output: Internal thermal recorder, RS-232 serial port
- Ambient conditions: Temperature 10°C-30°C - Relative Humidity 20%-85% - non-condensing environment
- Input voltage: AC 220V/110V±10%, 50/60Hz
- Power consumption: 60W
- Dimension: 440mmx380mmx350mm (HxWxD)
- Weight: Main unit -10 kg / Auto sampler(option) -1.5 kg



Simple and reliable design of fluid tubing system and electrodes, minimize the maintenance work



Automatic sampling and probe washing. Minimize the carry-over



Touch screen, user friendly software, easy to operate

Options

- e-LyteA K^+ / Na^+
- e-Lyte B $K^+ / Na^+ / Cl^-$
- e-Lyte D $K^+ / Na^+ / Cl^- / Ca^{2+} / pH$
- e-Lyte E $K^+ / Na^+ / Cl^- / Li^+$

Technical Parameter

	Measuring range	Reproducibility (CV%)
K+	0.50~15.00 mmol/L	<1.0%
Na+	30.0~200.0 mmol/L	<1.0%
Cl-	30.0~200.0 mmol/L	<1.0%
Ca++	0.10~5.00 mmol/L	<2.0%
pH	7.00~9.00 (unit)	<1.0%
Li+	0.30~3.00 mmol/L	<3.0%

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