

SENSA CORE®

ST-200 aQua® Electrolyte Analyzer

HCO₃

SENSA CORE®

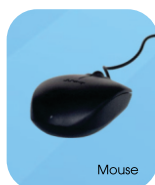


Specifications

- | | | | |
|------------------|--|-------------------|--|
| 1. Principle | : Direct measurement with ion selective electrode (ISE). | 8. Conditioning | : Storage 5°C to 40°C (41°F to 104°F) and relative humidity 10-90%
Operating 15°C to 35°C (59°F to 95°F) and relative humidity 10-90% |
| 2. Parameters | : This functionality allows the change of analytes. | 9. Display | : 7 inch high definition LCD with capacitive touch. |
| 3. Sample Type | : Whole blood, serum, plasma, CSF and diluted urine. | 10. Print | : 2 inch 24 column thermal printer. |
| 4. Sample volume | : 120 µL
500 µL for diluted urine | 11. Input voltage | : 100-240V AC, 50/60Hz, 1.4A |
| 5. Reading time | : 75 Seconds | 12. Dimensions | : 15.1" W x 13.2" H x 8.7" D,
Weight: 4.7 kg (without pack). |
| 6. Speed | : 48 Samples / hour | 13. Battery | : Optional (2 hours in standby mode). |
| 7. Storage | : 1,00,000 Samples | 14. OS | : Android. (WiFi enabled application up-gradable) |



Bar Code Scanner



Mouse



EC REP Obelisk s.a., Bd General Wahn 53, 1030, Brussels, Belgium.
Tel: +32 2 732-59-54 Fax: +32 2 732-60-03 mail@obelisk.net

- Measuring Time 75 Seconds
- Minimal Sample Volume (120µL)
- Long Life, Maintenance free Electrodes

Analyzer's Advantages

Easy to Operate



Accurate Results



Minimal Maintenance



Economical



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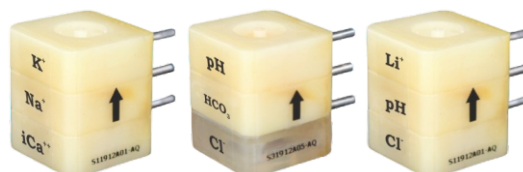


Features

- Aspirate 1 sample and acquire 14 different results.
Electrolytes : Na⁺, K⁺, iCa⁺⁺, Li⁺, pH, HCO₃⁻, Cl⁻.
Calculated Parameters : nCa, TCa, pCO₂, TCO₂, BE, BE-ECF, AG(Na), AG(K).
- Multilingual support.
- Levey-Jennings chart for NABL and seamless integration to LIS (Lab information system).
- 7 inch high definition LCD with capacitive touch display.
- Excellent precision and reliability.
- Integrated Parameter conversion functionality.
- One single Reagent Pack with all 12 combinations.
- Numeric & alpha numeric input option with 15 digit operator & patient ID.
- External barcode scanner, mouse & keypad interfacing option.
- Self-calibration once new reagent pack is installed.
- Maximum 1,00,000 samples storage capacity.
- The result can be recalled by Date, Patient ID, Patient name, by parameters etc.
- Extremely low cost per test.
- Two USB output ports. (USB 2.0)
- Optional battery backup & much more.

Parameter	Measuring Range Blood	Reproducibility (CV%)	Measuring Range Urine	Reproducibility (CV%)
Na ⁺	20.0 - 200.0 mmol/L	< 1.0%	25 - 1000 mmol/L	< 5.0%
K ⁺	0.2 - 40.0 mmol/L	< 2.0%	1.0 - 500 mmol/L	< 5.0%
Cl ⁻	25.0 - 200.0 mmol/L	< 1.0%	25 - 500 mmol/L	< 5.0%
iCa ⁺⁺	0.1 - 6.0 mmol/L	< 2.0%	50 - 1000 mmol/L	< 5.0%
Li ⁺	0.2 - 5.0 mmol/L	< 2.0%	***	***
pH	6.5 - 8.0	± 0.03	***	***
HCO ₃ ⁻	5.0 - 50.0 mmol/L	< 3.0%	***	***

HCO ₃		ELECTROLYTE									
BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD
K	K	K	K	K	K	K	K	K	K	K	K
Na	Na	Na	Na	Na	Na	Na	Na	Na	Na	Na	Na
B	iCa	iCa	iCa	iCa	iCa	iCa	iCa	iCa	B	B	B
pH	pH	Li	Li	B	Li	pH	Li	B	B	B	B
HCO ₃	HCO ₃	pH	B	pH	pH	B	B	B	B	B	B
Cl	Cl	Cl	Cl	B	B	B	Cl	B	Cl	B	B
1	2	3	4	5	6	7	8	9	10	11	12
Parameter Combinations											



Di Distribusikan oleh:

PT TERAS SEKAWAN BERSAMA
JL.Radin Inten II No.7 Blok L-M, Rt.05/Rw.014
Kel.DurenSawit,Kec.DurenSawit
Jakarta Timur 13440

KEMENKES RI.NO.REG.AKL :.....

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