



StatSensor Specifications

Test Measured: Creatinine

Tests Reported: Creatinine and eGFR

Test Time: 30 seconds

Test Strip Volume: 1.2 μ L

Test Methodology: Electrochemistry

Weight: 0.8 lbs (360 g)

Size: 6.0 in x 3.25 in x 1.8 in
(153 mm x 82.5 mm x 46 mm)

Selectable eGFR Calculation Equations:

Abbreviated MDRD and Cockcroft-Gault

Sample Types & Operating Modes:

Whole Blood: Arterial, Venous, Capillary

Measurement Range:

Creatinine 0.3-12.0 mg/dl (27-1050 μ mol/L)

Operating Ranges:

Temperature: 15°C- 40°C (59°F-104°F)

Altitude: Up to 15,000 feet

Humidity: 10% to 90% relative humidity

Reagents and Strips:

Strips: 25 strips per vial

QC: Three levels (Low, Normal, High);
sold separately

Linearity: Five levels available

Test Strip & QC Stability:

12 months (4-8c)

3 months open-vial stability

Data Storage:

Patient Tests: 1,000 tests

QC Tests: 200 tests

Users: 4,000 users

Connectivity:

Data Output Port: Ethernet (10 Mbit)

Meter Data Output: RJ-45 Ethernet Port

Protocol: TCP/IP Ethernet 10 Mbit

Standard: POCT1-A Compliant

Setup Program: NovaNet™ Web-Based Instrument
Manager Software

Battery Information:

Type: 3.7V Li Polymer Rechargeable Battery

Features: Rechargeable/Replaceable

Life: 8 hours in use (approximately 40 tests
w/barcode scans) / 12-24 hours standby

Docking Station:

Optional accessory; desk or wall mount charging station with RJ-45 Ethernet jack. 3 LED indicator lights showing connection status, transmit/receive data, and charging status. Extra battery slot included for recharging and storage of spare battery.

Additional Features:

- Color touch screen
- Built-in barcode scanner
- Traditional QC with target values assigned to QC materials
- Numeric or pass/fail QC
- QC prompting or QC lock out
- Abnormal and critical ranges flagged by color highlighting
- Canned or free text user comments
- Rejecting of results at meter (optional) for repeat testing
- Accepting patient ID or accession number
- Use of operator password (lockout)
- Entry of ICD-9 Diagnosis codes
- Ordering physicians I.D.
- Slope and intercept adjustment
- Web-based meter configuration by location
- Custom meter configuration by medical unit
- Connect to hospital ADT
- Connect to all LIS/EMR
- POCT1-A data output
- Optional Carrying Case

Certifications & Compliance: ISO 9001 Quality System Registration, CSA, TÜV, IVDD, CE Self Declared Complies to EN 61010, EN 50081,82

FDA Labeling: For in-vitro diagnostic use