



Improve reliability and productivity with the urinalysis technology you trust.

www.usa.siemens.com/cliniteknovus

The CLINITEK Novus[®] Automated Urine Chemistry Analyzer combines proven dry-pad urine chemistry technology with an easy-to-use cassette test format to help ensure standardized test results and maximum productivity in busy laboratories.



Offering a full spectrum of tests and a throughput of up to 240 samples per hour, the CLINITEK Novus analyzer streamlines workflow, simplifies routine urinalysis and STAT testing, and delivers consistent, high-quality results, even during peak periods.

Trust the CLINITEK Novus Automated Urine Chemistry Analyzer to provide reliable operation, a broad menu, and standardized results across Siemens urinalysis systems.

Enhanced Productivity

- Accepts up to 450 test sets and processes up to 240 samples/hour for increased walkaway time
- Automated entry of lot number and expiration via RFID tag saving operator time and reducing potential for errors
- Test cassettes eliminate the need to align the test strips
- Built-in liquid-level sensing reduces sample preparation time
- System design allows easier access to replaceable parts

Enhanced Reliability

- Card handler provides highly reliable transport of test cards for seamless operation
- Onboard bar-code reader reduces potential for errors reading sample IDs
- System identifies tube type and senses if cap has been removed, improving pipette reliability

Easy to Use

- Customer-driven design—color touch screen, tiltable display, customizable menu options
- Load-and-go test cassettes and test tubes simplify operation
- Online help and guidance and knowledgeable service support teams are ready to assist

- Supports a wide range of testing volumes—load up to 200 samples at once
- Streamlined maintenance and cleaning

Trusted Results

- Clinically relevant sensitivity and specificity for peace of mind
- Digital color camera measures color to improve accuracy of results
- Standardized output—same proven tests used in CLINITEK[®] analyzer family from the point of care to the central laboratory
- CLINITEK brand is a recognized leader in urine chemistry testing
- Ready-to-use liquid calibration of all analytes provides confidence in results

Broad Menu

- CLINITEK Novus 10 urinalysis cassettes for routine testing

Answers for life.

CLINITEK Novus Specifications

System Description

Fully automated urine chemistry analyzer

Tests Measured

Specific Gravity	Ketone	Urobilinogen
pH	Blood	Bilirubin
Protein	Leukocyte	Color and Clarity
Glucose	Nitrite	

Automated Checks (Auto-Checks): Humidity exposure; Low sample level; Waste bottle full; Rinse bottle empty; Card waste drawer full; Low tests remaining

General

Dimensions	Depth: 68.6 cm (27 inches)
	Width: 63.5 cm (25 inches)
	Height: 53.3 cm (21 inches)
Weight	42 kg (93 lbs)
Power Requirements	100–240 VAC 48–62 Hz
Maximum Power Input	100 VA
Decibel Rating	65 dBA
Recommended Minimum Bench Area	Width: 78.7 cm (31 inches)
	Depth: 76.2 cm (30 inches)
Recommended Minimum Clearance above Bench	84.3 cm (33 inches)
Ambient Operating Temperature Range	18° to 30°C (64° to 86°F)
Ambient Operating Humidity Range	20 to 80% relative humidity
Optimum Operating Conditions	22° to 26°C (72° to 79°F)
	35 to 55% relative humidity
Optical System	Color digital camera that captures images with a resolution of one megapixel (1400 x 750 pixels), and an LED light source
Urine Color Correction	Automatically provided
Compliance	TUV, CE, EMC, IEC 61326
Calibration	With every Novus Cassette change (or every 24 hours when multiple same-lot Novus Cassette used within 24 hours); System completes calibration using factory entered baseline adjustment for each test pad to ensure optimal performance

System Description

Throughput	Up to 240 samples per hour
Load List	Available
STAT Testing Capability	Available
Sample Tube Requirements	Width: 16 mm (0.63 inches)
	Height: 95–106 mm (3.74–4.17 inches)
Sample Loading Capacity	200 tubes (10 tubes per rack)
Sample ID Entry	Manual, bar-code, or downloaded from LIS
Result Units	Conventional, conventional with plus system, SI, and SI with plus system

Test Cassettes

Test Sets per Cassette	450 minimum; up to 464
Cassette Types	CLINITEK Novus 10
Cassette Lot and Expiration Date Entry	Automatic with RFID tag
Onboard Cassette Stability	14 days

Onboard Computer

Memory	Patient results 7,500; Calibration results 200; Control results 400
Interfaces	ASTM and HL7
Display	Color touchscreen display with adjustable brightness
Speaker	Adjustable volume
Bar-code Reading	Internal bar-code reader reads Codabar (NW-7); Interleaved 2 of 5 (1 2 of 5), Codes 39, 93, and 128
External Handheld Bar-code Reader	Optional
Ports	4 USB, Ethernet, 3 Serial

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Global Siemens Headquarters

Siemens AG
Wittelsbacherplatz 2
80333 Muenchen
Germany

Global Siemens Healthcare Headquarters

Siemens AG, Healthcare
Henkestrasse 127
91052 Erlangen
Germany
Phone: +49 9131 84 - 0
www.siemens.com/healthcare

Global Division

Siemens Healthcare Diagnostics Inc.
511 Benedict Avenue
Tarrytown, NY 10591-5005
USA
www.siemens.com/diagnostics

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