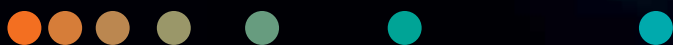


# Improve reliability and productivity with the urinalysis technology you trust.

[siemens-healthineers.com/urinalysis](https://www.siemens-healthineers.com/urinalysis)



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.

## 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 to streamline maintenance and cleaning

## Enhanced Reliability

- Card handler provides highly reliable transport of test cards for seamless operation
- Remote diagnostics available to assist in troubleshooting
- Onboard barcode 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 simplifies operation
- Online help and guidance
- Supports a wide range of testing volumes—load up to 200 samples at once

## Trusted Results

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

## Broad Menu

- CLINITEK Novus 10 cassettes for routine urine testing
- CLINITEK Novus PRO 12 cassettes\* for early detection of kidney disease. Provides microalbuminuria testing with albumin-to-creatinine (A:C, ACR) ratio results

\* Not available for sale in the U.S.

# CLINITEK Novus Specifications

## System Description

Fully automated urine chemistry analyzer

## Tests Measured

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

**Automatically Calculated:** Protein-to-Creatinine<sup>†</sup> and Albumin-to-Creatinine<sup>†</sup> ratios

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

## General

<b>Dimensions</b>	Depth: 68.6 cm (27 inches) Width: 63.5 cm (25 inches) Height: 53.3 cm (21 inches)
<b>Weight</b>	42 kg (93 lb)
<b>Power Requirements</b>	100–240 VAC 48–62 Hz
<b>Maximum Power Input</b>	100 VA
<b>Decibel Rating</b>	60 dB (in a 20 x 20 ft room with no more than 40 dB background noise)
<b>Recommended Minimum Bench Area</b>	Width: 78.7 cm (31 inches) Depth: 76.2 cm (30 inches)
<b>Recommended Minimum Clearance above Bench</b>	84.3 cm (33 inches)
<b>Ambient Operating Temperature Range</b>	18° to 30°C (64° to 86°F)
<b>Ambient Operating Humidity Range</b>	20 to 80% relative humidity
<b>Optimum Operating Conditions</b>	22° to 26°C (72° to 79°F) 35 to 55% relative humidity
<b>Optical System</b>	Color digital camera that captures images with a resolution of one megapixel (1400 x 750 pixels), and an LED light source
<b>Urine Color Correction</b>	Automatically provided
<b>Compliance</b>	TUV, CE, EMC, IEC 61326
<b>Calibration</b>	A 3-point calibration, including baseline adjustment for each test pad, clarity, and the SG measurement to ensure optimal performance.

## System Description

<b>Throughput</b>	Up to 240 samples per hour
<b>Load List</b>	Available
<b>STAT Testing Capability</b>	Available
<b>Sample Tube Requirements</b>	Width: 16 mm (0.63 inches) Height: 95–106 mm (3.74–4.17 inches)
<b>Sample Loading Capacity</b>	200 tubes (10 tubes per rack)
<b>Sample ID Entry</b>	Manual, barcode, or downloaded from LIS
<b>Result Units</b>	Conventional, conventional with plus system, SI, and SI with plus system
<b>Test Cassettes</b>	
<b>Test Sets per Cassette</b>	450 minimum; up to 464
<b>Cassette Types</b>	CLINITEK Novus 10 CLINITEK Novus PRO 12
<b>Cassette Lot and Expiration Date Entry</b>	Automatic with RFID tag
<b>Onboard Cassette Stability</b>	14 days
<b>Onboard Computer</b>	
<b>Memory</b>	Patient results 7,500; Calibration results 200; Control results 400
<b>Interfaces</b>	ASTM and HL7
<b>Display</b>	Color touchscreen display with adjustable brightness
<b>Speaker</b>	Adjustable volume
<b>Barcode Reading</b>	Internal barcode reader reads Codabar (NW-7); Interleaved 2 of 5 (I 2 of 5), Codes 39, 93, and 128
<b>External Handheld Barcode Reader</b>	Optional
<b>Ports</b>	4 USB, Ethernet, 3 Serial

†With CLINITEK Novus PRO 12 cassettes.

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Product availability may vary from country to country and is subject to varying regulatory requirements. Please contact your local representative for availability.

## Siemens Healthineers Headquarters

Siemens Healthcare GmbH  
Henkestr. 127  
91052 Erlangen, Germany  
Phone: +49 9131 84-0  
siemens-healthineers.com

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Siemens Healthcare Diagnostics Inc.  
Laboratory Diagnostics  
511 Benedict Avenue  
Tarrytown, NY 10591-5005  
USA  
Phone: +1 914-631-8000

## Distributed By:

PT ENVIRO MEDITECH PRATAMA  
Wisma 67, Jl. Tanah Abang II no.67, Gambir,  
Jakarta Pusat, 10160  
Telp : +6221 350 3011  
Fax : +6221 350 2667