

SIEMENS CLINITEK Novus[®]

Automated Urine Chemistry Analyzer



Brief Product Description	The Siemens CLINITEK Novus is a fully automated urine chemistry analyzer that offers a full spectrum of urinalysis screening parameters with a throughput of up to 240 samples/hour. Dry-pad chemistry testing ensures maximum productivity, streamlined workflow and consistent, high-quality results.
Principles and Technology	<ul style="list-style-type: none"> • Dry-pad urine chemistry with color change measured by reflectance photometry. • Specific gravity measured by refractive index method. • Clarity measured by transmitted and scattered light. • Automatic urine color correction provided for abnormally-dark samples. • Automated checks include humidity exposure, low sample level, waste bottle full, rinse bottle empty, card waste drawer full, low tests remaining.
Parameters	Color, clarity, glucose, bilirubin, ketones, urobilinogen, pH, specific gravity, blood, leukocyte esterase, nitrite, protein.
Throughput	Up to 240/hour
Sample Aspiration Volume	Minimum sample volume - 2mL Sample aspiration volume - 1mL
Quality Control	<ul style="list-style-type: none"> • CLINITEK Atlas Negative control • CLINITEK Atlas Positive control
Calibration	CLINITEK Novus Calibrator Calibration must be performed when a new CLINITEK Novus Urinalysis Cassette lot number is loaded or a new cassette from the same lot is loaded more than 24 hours after the most recent calibration for that lot. System completes calibration using factory entered baseline adjustment for each test pad to ensure optimal performance.

Dimensions and Weight

Width: 25 inches (63.5 cm)

Depth: 27 inches (68.6 cm)

Height: 21 inches (53.3 cm)

Weight: 93 lbs (42 kg)

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