

Automated Urine Chemistry Analyzer

Siemens CLINITEK Novus[®]



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

- 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 - 2 mL
Sample aspiration volume - 0.5 mL

Quality Control

- Open QC platform (up to 3 levels)
- Chek-Stix[®] Urinalysis Liquid Quality Control (Not available in Canada)

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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