

CLINITEK Advantus Urine Chemistry Analyzer

Meet your higher productivity demands with this semiautomated, connected solution

siemens-healthineers.com/clinitekadvantus



The CLINITEK Advantus® Urine Chemistry Analyzer is a semiautomated instrument that provides flexible productivity for busy clinics, healthcare practices, and laboratories by streamlining workflow during peak periods.

Improves Data Integrity

- Auto-Checks™ technology:*
 - Provides identification and reporting for validated Siemens Healthineers strip types.
 - Uses leukocyte pad to detect strip humidity overexposure. * Does not report results if overly exposed, minimizing false positives.
 - Detects common sample interferences and informs the healthcare professional of a potentially compromised result.†
- Bar-code data entry minimizes transcription errors:
 - Patient and operator
 - Strip lot number and expiration date*
 - Clarity
 - Comments

Improves Quality Control

- Supports user-defined QC testing protocol.
- Automatically prompts laboratorians to perform QC testing.
- QC lockout capability helps ensure compliance.

Enhances Productivity

- Always ready: Starts up instantly from Standby mode.
- Self-pacing: Allows operator to load samples as needed.
- Seven seconds per sample; up to 500 strips/hour.

Provides Flexible Operation to Meet Workflow Needs

- Automatically recognizes multiple Siemens Healthineers strip types.
- Downloads and prints load list from LIS.
- Easily accommodates STAT testing.
- Supports up to three different user-defined confirmatory flags.

Network-ready

- Interfaces with TELCOR, POCcelerator® Data Management System, and UniPOC™ Data Management System

Consolidates Microscopy

- Automatically flags and prints sample ID reports for microscopy follow-up.
- Allows manual entry of microscopy results.
- Consolidated report can be printed and/or transmitted to the LIS or other data-management system.

*Available only when using Siemens Healthineers test strips with ID or color bands.

†Feature not available in all countries. Please contact your local representative for availability.

CLINITEK Advantus Analyzer Specifications

Overview

System Description	Semiautomated urine chemistry analyzer
Tests Measured	Leukocyte, nitrite, protein, blood, glucose, ketone, bilirubin, urobilinogen, pH, specific gravity, creatinine, protein-to-creatinine ratio
Automatic Measurement	Urine color
Test Format	Dry chemistry reagent strips
Test Measurement	Color change measured by reflectance photometry; dual readings at reactive and reference wavelengths; automatically adjusts for urine color
Sample Clarity	Results entered via keyboard or bar-code reader
Auto-Checks Technology	<ul style="list-style-type: none"> • Identification and reporting for validated Siemens Healthineers strip types • Humidity exposure tested on every strip with leukocyte pad

General

Dimensions	12.75 (h) x 15.75 (w) x 13.75 (d) in., 32 (h) x 39 (w) x 35 (d) cm
Weight	7.2 kg (16 lb)
Power Requirements	100 to 240 V; 50/60 Hz
Line Leakage Current	<0.5 mA in normal condition <3.5 mA in single fault condition
Maximum Power Input	72 VA
Ambient Operating Temperature Range	18 to 30°C (64 to 86°F)
Ambient Operating Humidity Range	20 to 80% relative humidity
Compliance	UL, CE, EMC
Calibration	Automatic with every strip

Test Handling

Sample Loading	Self-paced, not dictated by analyzer
STAT Sample Handling	One-touch STAT interrupt capability
Sample Processing	Single or batch mode, up to 500 strips/hour
Sample ID Entry	Manual, bar code, or downloaded from LIS

Onboard Computer

Memory	500 patient records plus 200 controls
Interfaces	ASTM (CCS) format
Display	Color LCD touchscreen, 5.7 in. (14.5 cm), 320 horizontal by 240 vertical pixels (QVGA)

Computer/Peripheral Interfaces

Ethernet Connection	10/100 Mbit, bidirectional
Onboard Printer	24-character thermal printer
Bar-code Reader	Codabar, Interleaved 2 of 5, Code 93, Code 128, UPC
Keyboard	External PC keyboard option/PS2 connection
External Printer	Printer interface: parallel port connector (25-pin)

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Dip It Right!

The STIX™ family of reagent strips can help detect a wide range of conditions, including UTIs, diabetes, and early detection of kidney disease.

It is important to use the proper dipping and strip handling technique to optimize testing.

Do not touch any of the test pads, including the ID bands.

Follow the proper dipping technique:

- 1 Dip strip in urine sample. Wet all pads.

Note: The ID band can be dipped if proper dipping technique is used.



- 2 Quickly remove test strip from sample.

Drag the edge of the strip against the side of the container rim to remove excess urine.



- 3 Place test strip onto the strip loading area of the analyzer.



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