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
- Automated quality checks (Auto-Checks® technology)*
  - Identification and reporting for validated Siemens Healthineers strip types
  - Automatic error message if test strip is degraded from exposure to humidity†
- Bar-code data entry minimizes transcription errors
  - Patient and operator
  - Strip lot number and expiration date*
  - Clarity
  - Comments

Improves Quality Control
- User-defined QC testing protocol
- Automatically prompts laboratorians to perform QC testing
- QC lockout capability helps ensure compliance

Enhances Productivity
- Always ready; instant start-up 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™, UniPOC™, and RELAYMED Data Management Systems

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 with software version 3.0 or higher.
†Available only with test strips that have the leukocyte pad.
CLINITEK Advantus Analyzer Specifications

Overview

System Description  Semiautomated urine chemistry analyzer
TestsMeasured  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
Automatic Checks (Auto-Checks)  – 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, emulates CLINITEK® 200+ and CLINITEK® 500 analyzers
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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Product availability may vary from country to country and is subject to varying regulatory requirements. Please contact your local representative for availability.

Dip It Right!

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.

Learn more about the benefits of Auto-Checks technology. Visit siemens-healthineers.us/urinalysis-test-strips today.