

CLINITEK Advantus® Analyzer

Greater Flexibility, Proven Reliability

Respond to demands for higher productivity and high quality with the newest addition to the Clinitek family, the Clinitek Advantus analyzer. Streamline your workflow with flexible operation. Immediate start-up. Automatic calibration. Network ready. Widest range of test options. Added QC features. Flexible operation to meet your needs.

- Consistent, reliable results, with one-touch switching between test strip configurations
- Automatic prompts and test lock-out if QC is not run for improved quality control
- Automatically read, interpreted, and documented Multistix® test strip results
- Throughput of 7 seconds/sample; up to 500 tests/hour



Features & Benefits

Enjoy the added capabilities of this new urine chemistry analyzer:

- New, easy-to-use color touch screen
- Ability to consolidate microscopy results onto one patient record
- Increased control with automatic QC prompting and QC lockout capability to ensure compliance
- Testing flexibility with simple, one-touch switching between different strip configurations
- A total of three sieve functions – confirmatory and microscopic to flag abnormal results for quick review
- Convenient data retrieval for up to 500 patients by patient id, and 200 control results

The Clinitek Advantus Analyzer provides automated reading of the Multistix® family of urinalysis tests:

Leukocyte, Nitrite, Protein, Blood, Glucose, Ketone, Bilirubin, Urobilinogen, pH, Specific Gravity, Creatinine*, Protein-to-Creatinine Ratio*

Technical specifications

Overview	
System Description	Semi-automated urine chemistry analyzer
Tests Measured	Leukocyte, Nitrite, Protein, Blood, Glucose, Ketone, Bilirubin, Urobilinogen, pH, Specific Gravity, Creatinine,* and 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
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 lbs)
Power Requirements	100 V 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	18oC to 30oC (64oF to 86oF)
Ambient Operating Humidity Range	20% to 80% relative humidity
Compliance	UL, CE, EMC
Test Handling	
Sample Loading	Self-paced, not dictated by analyzer
STAT Sample Handling	One-touch STAT interrupt capability
Sample Processing	Single or batch mode
Sample ID Entry	Manual, bar code, or downloaded from LIS
Calibration	
Calibration	Automatic with every strip
Onboard Computer	
Memory	500 patient records plus 200 controls
Interfaces	ASTM (CCS) format and emulates Clinitek200 and Clinitek 200+
Display	Color LCD touch screen, 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	Meets ASTM E1466-92 standards, available with PC wedge/PS2 connection
Keyboard	External PC keyboard option/PS2 connection
External Printer	Printer interface: parallel port connector (25 pin)