

CLINITEK ADVANTUS® ANALYZER



CLINITEK ADVANTUS® ANALYZER - 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
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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)