

**Equipment ID: Lab-05**  
**CLINITEK Advantus® Analyzer**

**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**

**115/60/1. 72 VA.**

**2.75H x15.75W x13.75D**

**WEIGHT=16lbs.**

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°C to 30°C (64°F to 86°F)

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 interface: parallel port connector (25 pin)

