



M O D E L

# 500



## FEATURES

- Measures blood pressure/pulse rate and weight
- Interactive 10.4" touchscreen display
- Educational resource screens
- Color coded results chart
- Blood pressure guidelines display
- Save and track user biometrics
- Body Mass Index (BMI) Calculator
- Internet ready
- IR and USB data ports
- Proven accuracy meets AAMI standards
- Special options available (see back)
- Bilingual: English/Spanish

## BENEFITS

- Promotes wellness, health and safety for users, thus reducing healthcare costs
- Provides a snapshot of current health data and allows monitoring
- Helps employers measure and monitor work force health status
- Provides important data that can help build result-oriented health promotion programs
- Engage both employers and employees in the health management process for lowering and/or eliminating health risks

800.321.5449  
LTHealthSystems.com

# SPECIFICATIONS

MODEL  
**500**



**INFLATION CUFF**



**LCD DISPLAY**



**OPTIONAL  
CONFIGURATION**

*Custom Inserts Available*

## Equipment

Class II medical device  
manufactured in Merge's FDA-  
regulated, ISO 13485 certified  
facility

## Accuracy

Complies with AAMI (Association  
for the Advancement of Medical  
Instrumentation) Standards +/-  
5 mmHg (millimeters of mercury)

## Rate of Cuff Inflation

· Approximately 8 mmHg/sec

## Temperature

**Operating:** 50 to 104° F  
(10 to 40° C)

**Storage:** -40 to 131° F  
(-40 to 55° C)

## Humidity

**Operating:** 10 to 95%  
(non-condensing)

**Storage:** 10 to 95%  
(non-condensing)

## Weight Measurement

**Range:** 40 to 440 lbs

**Accuracy:** +/- 1 lb

## Measurement Range

**Systolic:** +50 to +260 mmHg

**Diastolic:** +30 to +240 mmHg

**Pulse:** 40 to 199 bpm

## Measurement Method

· Oscillometric

## Overpressure Limit

· 310 +/- 10 mmHg

## Test Time

· Typically less than one minute

## Physical Dimensions

**Height:** 68.0in (170.0cm)

**Width:** 33.5in (85cm)

**Depth:** 25.0in (63.5cm)

## Weight

**Model LC-500:** 175 lbs (79.3kg)  
(standard cabinet)

· 200 lbs (90.7kg)  
(wheelchair accessible cabinet)

## Input Power

· 117 VAC, 60Hz

· Power Supply Switch  
Selectable:

120/240 VAC, 50-60Hz)

· 2.5 Amps

· 3-Wire Grounded Outlet

## Blood Oxygen Measurement

**Method:** Infrared

**Accuracy:** +/- 2%

## Special Options

· Blood Oxygen Saturation,

· 2.25" Printer

· Magnetic Stripe Reader

· Wheelchair Accessibility

Data ports allow for downloading  
glucose meters, pedometers, etc.



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