



M O D E L S

300 & 550



FEATURES

- Intuitive controls with easy to read display
- Blood pressure measurements
- Pulse/heart rate measurements
- Meets AAMI standards for accuracy and reliability
- Solid state technology ensures excellent reliability
- Efficient compact design
- 5 window display for promotional or educational inserts

BENEFITS

- Early identification of cardiovascular risk factors
- Empower users with a monitoring system that provides vital health information
- Simple and cost effective way to promote user wellness
- Encourages self-responsibility and health awareness
- No staff time required
- Encourages compliance with hypertension regimen
- Consistent monitoring improves user health and productivity, leading to healthcare cost reductions

800.321.5449
LTHealthSystems.com

SPECIFICATIONS

MODELS
**300
& 550**



MODEL 300

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)

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

Input Power

· 117 volts AC, 60 Hz, 2.5 amps
· 3-wire grounded outlet

Physical Dimensions

Height: 68.0in (170.0cm)

Width: 26.1in (66.4cm)

Depth: 22.2in (56.4cm)

Weight: 90 lbs (40.1kg)

Digital Displays

· Systolic & Diastolic Pressure, Pulse Rate

Colors & Graphics

· Multiple cabinet finishes (based on availability)

· Custom graphics available

· Contact us for more details on custom graphic packages

Display Panel Inserts

· 4 - 7.5in x 11.5in

External meter tracks usage

MODEL 550

Accuracy

Complies with Association for the Advancement of Medical Instrumentation(AAMI) Standard SP10-1987

Rate of Cuff Inflation

· Approximately 8 mmHg/sec

Temperature

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Storage: -40 to 131° F (-40 to 55° C)

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Test Time

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Input Power

· 117 volts AC, 60 Hz, 2.5 amps
· 3-wire grounded outlet

Physical Dimensions

Height:

· **90550-01:** 47.8 in (121.4 cm)

· **90550-15:** 64.3 in (163.2 cm)

Width: 24.2 in (61.5 cm)

Depth: 20.3 in (51.6 cm)

Weight:

· **90550-01:** 82 lbs (37.3kg)

· **90550-15:** 90 lbs (40.1kg)

Digital Displays

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Colors & Graphics

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