

Model LC300™

Automated blood pressure and heart-rate monitoring in a compact, space-saving design

Providing Value For

- Companies: of all sizes promoting wellness to improve the health of their employees and reduce healthcare costs
- Pharmacies: as a community service enhancing professional image, prescription business and customer loyalty
- Hospital: outpatient clinics, busy doctors' offices and dental practices to obtain reliable vital sign readings with minimal staff assistance
- Fitness centers to provide a valuable and popular member service before and after workouts
- Community and organizational outreach programs
- Senior centers, retirement communities and anywhere people gather

Features

- Blood Pressure and Pulse Rate
- Proven Accuracy
- Fully-Automated Upper-Arm Pressure Cuff
- LED Display of Readings
- Blood Pressure Guidelines Display
- Oscillometric Methodology
- Bi-lingual English/Spanish version available
- Four Information Display Panels
- User Record Card Holder



Specifications

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)

Temperature

- Operating: 50 to 104° F (10 to 40° C)
- Storage: -40 to 131° F (-40 to 55° C)

Humidity

- Operating: 10 to 95% (noncondensing)
- Storage: 10 to 95% (noncondensing)

Digital Displays

- Systolic & diastolic pressure, pulse rate

Rate of Cuff Inflation

- Approximately 8 mmHg/sec

Measurement Range

- Systolic: +50 to +260 mmHg
- Diastolic: +30 to +240 mmHg
- Pulse: 40 bpm to 199 bpm

Measurement Method

- Oscillometric

Overpressure Limit

- 310 +/- 10 mmHg

Test Time

- Typically less than one minute

Input Power Requirements

- Auto Switchable, Range:
115V~1A or 230V~0.6A, 50/60Hz
- 2.5 amps
- 3-wire grounded outlet

Physical Dimensions

- Height: 68.0 in. (170.0 cm)
- Width: 26.1 in. (66.4 cm)
- Depth: 22.2 in. (56.4 cm)
- Weight: 90 lbs (45.5 kg)

