

# Excellences in Blood Pressure Measurement



# SCHILLER

## BLOOD PRESSURE BP-200

### Accuracy and Performance for Stress Test Blood Pressure Measurement

BP-200 is a non-invasive Stress Test Blood Pressure Monitor, designed to automatically measure and display a patient's systolic and diastolic pressures at preset intervals, or upon demand of the operator. BP-200 uses two techniques of measurement, dimensional K-sound Analysis (DKA) for measurements during stress test exercise and oscillometry for static readings.

#### Features

- **3-D K-sound Analysis (DKA)**

Korotkoff sounds are distinguished from artifact noise so that systolic and diastolic pressures may be measured accurately.

- **RS-232 Interface Capability to SCHILLER ECG Systems (AT-10/AT-60/CS-200)**

ECG stress system initiates BP readings and automatically records BP data on ECG strip chart.

- **Real Time Wave Form Display**

Visually confirm the BP readings and signal quality at any time.

- **BP-200 User Realtime Display**

Displays current monitor status and help messages.

- **Historical Tabular Data**

Stores multiple studies for data retrieval.

- **BP Readings initiated automatically or manually**

Concentrate on the patient's performance during the study.





# Answer Fax

**Yes – I am interested in the innovative products from SCHILLER.  
Please send me more information about:**

- Blood Pressure BP-200
- Ambulatory Blood Pressure BR-102
- Longterm ECG
- 3, 6, or 12 Channel ECG
- PC-ECG
- Pocket-size ECG
- Exercise Testing
- Holter Monitoring
- ABPM
- Ultrasound Doppler
- Spirometry
- Cardiopulmonary Exercise Testing
- Patient Monitoring
- Data Management
- Telemedicine
- .....



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City/State/Zip: \_\_\_\_\_

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### Technical Specifications:

#### Measurement Technique:

Primary – 3-Dimensional K-sound Analysis for stress test measurements. Secondary – Oscillometry with smooth linear deflation for resting measurements.

#### Interfacing Capabilities:

ECG and RS-232 interface for SCHILLER ECG stress test systems.

#### R-Wave Source:

Primary – digital/analog signal from external ECG source. Secondary – the optional BP-200 patient cable with V2, V6, Ground configuration.

#### Measurement Range:

Systolic: 10-300 mmHg  
Diastolic: 10-300 mmHg  
Heart rate: 0-240 BPM

#### Accuracy:

Meets ANSI/AAMI SPT0-1992

#### Sampling Intervals:

On command from ECG stress test system, manual or automatic sample periods from 1 minute to 60 minute intervals.

#### Alarms:

Onscreen message and audio alarm tone for user defined ranges.

#### Power:

External supply + 12VDC output @ 2 Amps.

#### Dimensions:

Size: 22.8 cm x 15.9 cm x 9.7 cm (9.0" x 6.3" x 4.1").

#### Weight:

1.2 kg (42.6oz)

#### Standards:

IEC 601-1, UL 2601, CAN/CSA C22.2 601.1.

#### Accessories:

1 x Adult Cuff, 10 x Mic Pads & Cuff Anchor Pads, 2 x Cuff Anchor Clips and Wrist Straps.

We reserve the right to make technical changes at any time.

Manufactured by: SunTech Medical Instrument, Inc., Raleigh, NC, USA

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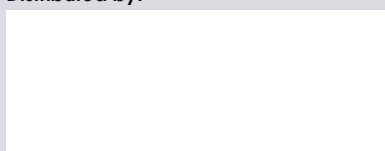
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