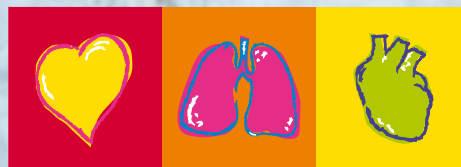




BP-200 plus

Novel method of automatic auscultation for blood pressure measurement using pulses in the cuff pressure as well as Korotkoff sounds.



SCHILLER

The Art of Diagnostics

BP-200 plus

BP-200 plus – Accuracy and performance in stress test blood pressure measurement

We focus on blood pressure, so you can focus on your patient.

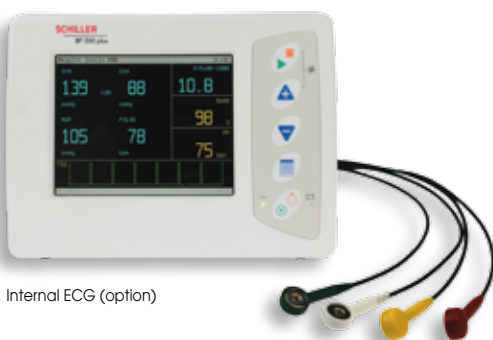
The BP-200 plus blood pressure monitor is designed to automatically measure and display a patient's systolic and diastolic blood pressure and send the measurements to a stress test system. The BP-200 plus also measures and displays heart rate and SpO₂ (option) to create a complete and seamless diagnostic test centre. The BP-200 plus is specifically designed for stress test environments using a treadmill or ergometer and is also ideal in research environments because raw data can be saved on an SD card.



See and hear the Korotkoff sounds using the onscreen display and the included headphones



SpO₂ with MASIMO technology (option)



Internal ECG (option)

The BP-200 plus excels where other BP monitors fail, by using Schiller's proprietary SCHILLER K-Sound Analysis (SKA). SKA was developed as a result of Schiller's pioneering work in 24-hour ambulatory blood pressure monitoring. It was this experience that provided Schiller's research and development team with invaluable insights into the relationship between many of the variables involved in determining the blood pressure of a patient in

motion. These variables include, but are not limited to, the patient's ECG, K-sounds, overall body shape, foot strike characteristics, arm movements, along with treadmill and ergometer noise. With SCHILLER K-Sound Analysis, Korotkoff sounds are distinguished from artefact noise so that blood pressures are measured accurately with greatly reduced false measurements.

BP-200 plus

Technical data BP-200 plus:

System:

Dimensions: 222 x 155 x 96 mm (l x w x h)

Weight: 1.08 kg (including SpO₂, ECG amp, excluding batteries)

Power supply: External supply+9 VDC output @ 0-1.7 amps

LCD: Backlit graphical LCD with multi-language menu

Interface:

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

Programming: Menu guidance 5 buttons

Safety standards: IEC/EN 60601-1; UL 60601-1, C22.2 No. 601.1-M90; IEC/EN 60601-1-2 (EMC)

Protection class: I according to IEC/EN 60601-1 (option: internal power supply)

Applied part: BF/CF according IEC/EN 60601-1

Conformity: CE 0123 according Directive 93/42/ECC (Medical Devices)

Classification: IIa according Directive 93/42/ECC

Measurement:

Methods of measurement:

- Primary: SCHILLER K-Sound Analysis with or without QRS trigger signal for stress test
- Secondary: Oscillometric with smooth linear deflation for resting measurements

Measurement range:

- Systolic: 50-270 mmHg
- Diastolic: 20-150 mmHg
- Heart rate: 40-250 BPM

Measurement intervals: 2-20 min.

Memory capacity: 200 measurements

QRS trigger: Signal from external ECG source

Sampling intervals:

On command from ECG stress test system, manual or automatic measurement periods from 2 to 20 minute intervals

Indicator for the user: On screen message and audio tone for user defined ranges

Optional unit version:

Built in SpO₂ module and internal ECG amplifier (to generate the QRS trigger signal to support the blood pressure measurement)

Standard accessories:

- Cuff (M)
- User guide
- Velcro fixing pads to secure cuff
- Adhesive pads to fix the microphone
- External power supply
- Head phone
- Communication cable to stress test system
- QRS trigger cable

Optional accessories:

- Several cuff sizes
- Battery charger
- Rechargeable batteries
- SpO₂ with cable and ear-sensor
- Patient cable for internal ECG amplifier (IEC coding, Code 1 / AHA coding, Code 2)
- Mini SD card for software update and additional storage of the raw data



RS-232 capability to most ECG systems



USB interface for calibrating the BP-200 plus and SD card for software update or research work



Battery operation (option)

With the BP-200 plus «hands-free» interface, blood pressure readings can be initiated automatically by your stress ECG system at user-defined intervals. After taking a blood pressure measurement, the monitor automatically sends the results to your stress ECG system for immediate display and printout. The BP-200 plus gives you the freedom to concentrate on your patient's performance without the need to manually initiate blood pressure measurements.



Asia
SCHILLER Asia-Pacific / Malaysia
52200 Kuala Lumpur, Malaysia
Phone +603 6272 3033
Fax +603 6272 2030
sales@schiller.com.my
www.schiller-asia.com



Austria
SCHILLER Handelsgesellschaft m.b.H.
A-4040 Linz
Phone +43 732 709 90
Fax +43 732 757 000
sales@schiller.at
www.schiller.at



China
Alfred Schiller Medical Equipment Co. Ltd.
100015 Beijing, China
Phone +86-010-52007020
diamond@schillermedical.com
www.schiller.cn



France
SCHILLER Médical S.A.S.
F-67162 Wissembourg/Cedex
Phone +33 3 88 63 36 00
Fax +33 3 88 94 12 82
info@schiller.fr
www.schiller-medical.com



France (distribution France)
SCHILLER France S.A.S.
F-77600 Bussy St Georges
Phone +33 1 64 66 50 00
Fax +33 1 64 66 50 10
infoschiller@schiller-france.fr
www.schiller-france.com



Germany
SCHILLER Medizintechnik GmbH
D-85622 Feldkirchen b. München
Phone +49 89 62 99 81-0
Fax +49 89 62 99 81-54
info@schillermed.de
www.schillermed.de



Hungary
SCHILLER Diamed Ltd.
H-1141 Budapest
Phone +36 (1) 383-4780 / 460-9491
Fax +36 (1) 383-4778
sales@schiller.at
www.schiller-hungary.hu



India
SCHILLER Healthcare India Pvt. Ltd.
Mumbai - 400 001, India
Phone +91 22 6152 3333/ 2920 9141
Fax +91 22 2920 9142
sales@schillerindia.com
www.schillerindia.com



Japan
SCHILLER Japan, Ltd.
Hiroshima 734-8551
Phone +81 82 250 2055
Fax +81 82 253 1713
koji.maeakawa@schiller.jp
www.schiller.jp



Croatia
Schiller medicinski instrumenti d.o.o.
10000 Zagreb
Phone +385 1 309 66 59
Fax +385 1 309 66 60
info@schillerzg.hr
www.schiller.ch



Latin America
SCHILLER Latin America, Inc.
Doral, Florida 33172
Phone +1 954 673 0358
Fax +1 786 845 06 02
info@schillerla.ch
www.schillerla.ch



Poland
SCHILLER Poland Sp. z o.o.
PL-02-729 Warszawa
Phone +48 22 8432089
Fax +48 22 8432089
schiller@schiller.pl
www.schiller.pl



Russia & C.I.S.
SCHILLER AG Rep. office
125124 Moscow, Russia
Phone +7 (495) 970 11 33
Fax +7 (495) 970 11 33
mail@schiller-ag.com
www.schiller-cis.com



Serbia
SCHILLER d.o.o.
11010 Beograd
Phone +381 11 39 79 508
Fax +381 11 39 79 518
info@schiller.rs
www.schiller.rs



Slovenia
SCHILLER d.o.o.
2310 Slovenska Bistrica
Phone +386 2 843 00 56
Fax +386 2 843 00 57
info@schiller.si
www.schiller.si



Spain
SCHILLER ESPAÑA, S.A.
E-28230-Las Rozas/Madrid
Phone +34 91 713 01 76
Fax +34 91 355 79 33
schiller@schiller.es
www.schiller.es



Switzerland
SCHILLER-Reomed AG
CH-8953 Diefikon
Phone +41 44 744 30 00
Fax +41 44 740 37 10
sales@schiller-reomed.ch
www.schiller-reomed.ch



Turkey
SCHILLER TÜRKİYE
Okmeydani-Sisli - Istanbul
Phone +90 212 210 8681 (pbx)
Fax +90 212 210 8684
sales@schiller-turkiye.com
www.schiller-turkiye.com



USA
SCHILLER America Inc.
Doral, Florida 33172
Phone +1 786 845 0620
Fax +1 786 845 06 02
sales@schilleramerica.com
www.schilleramerica.com



SCHILLER

The Art of Diagnostics