

Schiller BR-102 Plus Ambulatory Blood Pressure Recorder

User Manual

The Schiller BR-102 Plus Ambulatory Blood Pressure Recorder is a discreet, compact, long-term blood pressure monitoring unit which provides the highest level of accuracy yet lets the patient go about their daily lives undisturbed. Using both auscultatory and oscillometric measurement, the motion-tolerant technology prevents re-inflation and failed readings.

Product Code: SHL430

DURING THE RECORDING:

- Do not to move the arm during the measurements.
- Avoid noisy areas when a measurement is being taken.
- After an invalid measurement a second measurement will be initiated immediately.
- The unit must continue to be worn overnight. Wear a t-shirt or continue to wear clothing over the tubing at night to help keep it secure.
- A second measurement will be performed after each measurement: the cuff is inflated again, and the pressure is maintained for about 10 seconds before the air is deflated again and the recorder is ready for the next measurement.



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Taking an Extra Measurement During the Recording

The unit takes measurements at predetermined intervals. Extra measurements can be taken at any time, press either the green or the blue control button to display the measurement screen and press again to take an extra measurement.

Interrupting a Measurement During the Recording

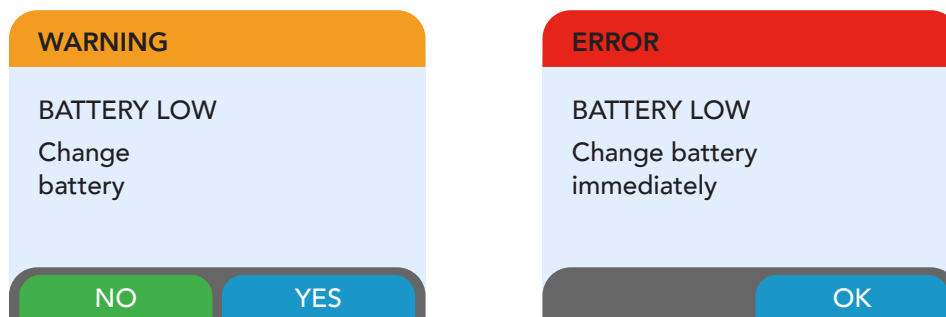
To interrupt a measurement, press either of the control buttons during the measurement. The next measurement will take place according to the schedule.

Changing the Batteries During a 48 Hour Recording

Preventive changing the batteries after 24 hours:

1. Press the blue button for 4 seconds. Confirm message "Change battery" again with the blue button.
2. Remove the batteries and replace with the fully charged batteries supplied. Observe correct polarity.
3. Press the green button to switch the unit on. The following message is displayed: "Blood pressure measurement Next Meas xx:xx".
4. Make an entry in the patient diary.

Or when the audible beep is heard and one of the following messages are displayed:



1. Confirm message "Change battery" again with the blue button.
2. Remove the batteries and replace with the fully charged batteries supplied. Observe correct polarity.
3. Press the green button to switch the unit on. The following message is displayed: "Blood pressure measurement Next Meas xx:xx".
4. Make an entry in the patient diary.

Do not dispose of the old batteries - return them to the surgery.

Cuff Placement

The cuff should be placed on the left upper arm approximately 2cm above the elbow so that the forearm can move. Position the red flap (indicating the position of microphone) on the inside of the arm. The pressure tube points towards the shoulder. Tape can be used to secure the tubing to the body if required. Place the device in the pouch and secure with the pouch straps. Wear a t-shirt over the tubing to help secure the tubing in position.



Leave a 2cm gap from the end of the cuff to your elbow joint.



Make sure not to wrap the cuff too tight around your arm.



Make an entry in the leaflet diary if any dizziness, palpitations, chest pain, etc. is experienced. Make an entry when the batteries are changed, an extra measurement is taken, or for any other event.

WARNING:

- If you experience any numbness in the arm, chafing, pain or discomfort remove the cuff and contact your doctor immediately.
- Danger of strangulation from the hose. Wear a t-shirt or continue to wear clothing over the tubing at night to help keep it secure.
- For patients with special needs such as children, the elderly, the disabled, or people lacking the capacity for judgement, their caregiver needs to operate the recorder and monitor the recording.

CAUTION:

- The unit is not waterproof, do not get wet - remove the recorder and cuff if you take a bath or shower.
- To avoid a malfunction of the device, keep sufficient distance (at least 30 cm) to other electrical/electronic devices (e.g. Smart Phone).