IFU – Blood pressure monitor – Elemano®
Abridged operation manual
Automatic measurement performance:

1. Apply the cuff

Position the arm with the palm of the hand facing up. Position the "O mark" on the upper arm where the artery is positioned.

Apply the cuff around the arm two to three cm proximal to the elbow, keeping a two-finger gap between the cuff and the arm.
Make sure the index marks are within the area of the cuff size references lines.

2. Turn on

Turn the ES*H55 on by pressing the **[Power]** button. Once the power button is pressed, a buzzer sounds and all indicators on the display light for about a second.

After start-up, the previous measurement will be displayed if it was successful.

The exhausting indicator will remain lit, if any pressure remains in the cuff. In this case an air exhaust process will be performed before "0" appears on each counter.

3. Mode selection

Select the measurement mode by pressing the **[Mode]** button. You can choose between "Normal", "Slow" and "Auscultation" mode.
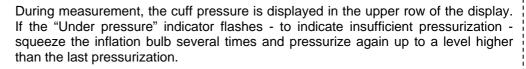ES*H55 always starts up in the "Normal" mode.

Use "Slow" mode for patients with hypotension and weak pulse.
Use "Auscultation" mode for patients with arrhythmia or when you check the Korotkoff's sound with a stethoscope.

4. Pressurization

Manually pressurize with the inflation bulb up to 30 to 40 mmHg above the expected systolic pressure. If you have pressurized to high, press the **[Exhaust]** button to lower the pressure.

During measurement, the cuff pressure is displayed in the upper row of the display. If the "Under pressure" indicator flashes - to indicate insufficient pressurization - squeeze the inflation bulb several times and pressurize again up to a level higher than the last pressurization.

The measurement starts when pressurization is stopped. The air bag is gradually decompressed. If you pressurize to 320mmHg or higher the "Over pressure" indicator appears and air exhaustion is preformed rapidly.

During measurement the pulse wave indicator indicates the level of pulse waves. To cancel the measurement, press the **[Power]** button.

5. Results and turn off

Once the diastolic pressure is measured, air exhaustion is performed rapidly. Measurements of the systolic and diastolic pressures as well as the pulse rate are displayed. To restart measurement without interruption, pressurize again with your ES*H55 remaining on.

Turn off your ES*H55 by pressing the **[Power]** button.
An automatic shutdown is performed after 3 minutes without input on the operation panel.

If you have any more questions concerning the Elemano® Terumo® blood pressure monitor, please check the IFU or contact your local Terumo representative

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We keep life flowing