

BPBIO320S

Upload Pressurization Automatic Blood Pressure Monitor
with Fast Measurement and Less Painful



BPBIO320S

- The first kiosk-type upload pressurization blood pressure monitor: Measures the examinee's pulse rate first and then pressurizes up to systolic blood pressure only.
- Minimal vascular strain for individuals: Minimal vascular strain allows high precision and reproducibility in continuous blood pressure measurements.
- Minimal pain: Induces minimal pain when monitoring blood pressure of elders', pregnant women, etc.
- High precision: Boasts a high correlation of 0.96 with mercury sphygmomanometers.
- Measuring posture guide sensor (Elbow sensor): The elbow sensor guides the examinee to assume the correct blood pressure measuring position.
- Available in three different colors.

■ Green



■ Blue



■ Orange



BPBIO320S Operation Guide

- 1 Cuff guide rear ring (measurement range: 17-42 cm)
- 2 Built-in measuring posture guide sensor
- 3 7-inch LED display (systolic blood pressure, diastolic blood pressure, pulse rate, current time)
- 4 High-speed thermal printer with automatic cutter
- 5 Start/Stop button (with voice guidance during the measurement)
- 6 Motion sensor (detects anyone within 50 cm)
- 7 Emergency Stop button (rapid release in emergency)



BPBIO320S Results Sheets

- 3-line high-speed printing

2015/02/02 13:58
Systolic 136 mmHg
Diastolic 69 mmHg
Pulse 100 bpm

- 3-line graph printing

2015/02/02 13:58
Systolic 136 mmHg
Diastolic 69 mmHg
Pulse 100 bpm
PULSE GRAPH
30 < mmHg > 120

- 6-line high-speed printing

2015/02/02 13:58
Systolic 136 mmHg
Diastolic 69 mmHg
M.A.P 91 mmHg
P.P 67 mmHg
Pulse 100 bpm
R.P.P 13600

- 6-line graph printing

2015/02/02 13:58
Systolic 136 mmHg
Diastolic 69 mmHg
M.A.P 91 mmHg
P.P 67 mmHg
Pulse 100 bpm
R.P.P 13600
PULSE GRAPH
30 < mmHg > 120

- Accumulated 5 measurement print

| TIME | SYS | DIA | PUL |
|----------------|----------|---------|---------|
| 15:02:02 13:58 | 136 mmHg | 69 mmHg | 100 bpm |
| 15:02:02 14:00 | 120 mmHg | 72 mmHg | 097 bpm |
| 15:02:02 14:01 | 125 mmHg | 72 mmHg | 099 bpm |
| 15:02:02 14:02 | 122 mmHg | 69 mmHg | 098 bpm |
| 15:02:02 14:02 | 119 mmHg | 69 mmHg | 101 bpm |

Accessories

Personal desk and height controllable chair

Dual-display LCD



*BPBIO320S's user-friendly design enables easy and accurate use for not only regular user, but also even for the first-time users. This allows for easy and high quality public use and installation.

Outpatient clinics at hospitals or diagnostic purposes, public health centers, recreational facilities, such as hotels or condominiums, rest areas in companies, factories or training centers, schools, military, or religious institutions, sports centers, golf clubs, spas, saunas, or martial art centers, public service areas in government organizations, banks or financial institution, or other public facilities, such as the subway, private hospital, oriental-medicine clinics, rehabilitation, special diagnostic centers.

BPBIO320S Specifications

Key Specifications

| | |
|-----------------------|---|
| Measurement Method | Oscillometric |
| * Pressurizing Method | Automatic pressurization by pressure controller micro pump |
| Depressurizing Method | Exhaust by micro valve |
| Cuff | Pressurizing belt method by gear motor, Automatic operation |
| Measurement Range | 0~300mmHg(Pressure), 30~240 bpm(Pulse) |
| Accuracy | ± 2mmHg(Pressure), ±1.5%(Pulse) |
| Measurement Results | Systolic Blood Pressure, Diastolic Blood Pressure, Pulse Rate, Mean Blood Pressure, Rate Pressure Product, Pulse Pressure |
| Measurement Duration | Within 60 seconds |
| Pressurizing Time | About 10 seconds |
| Display Unit | 1mmHg |

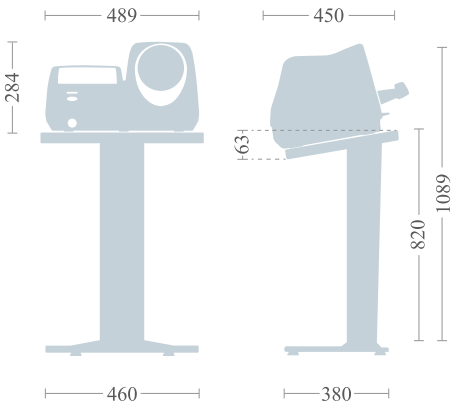
Functions Specifications

| | |
|-------------------------|--|
| Posture Guidance | Provides audible indication for proper test posture Elbow Detect Sensor |
| Human Detect Sensor | When the BPBIO320 detects human by ‘human detect sensor’ in energy saving mode, it automatically turns back on. |
| Display Type | 7-Segment LED (Systolic, Diastolic, Time, Pulse) |
| Types of Results Sheets | Results sheet value 3 line express print / Select graph print option Results sheet value 5 line express print / Select graph print option Accumulated 5 time measurement value print |
| Database | Can save up to 1,000,000 results |
| Energy Saving | Automatically converts to energy saving mode 2 minutes after the last measurement is taken |
| Dual Safety System | [START/STOP] button: the cuff will become loose and deflate * If the air pressure surpasses 300mmHg, the cuff will automatically deflate and loosen. [EMERGENCY] button: the cuff will become loose for deflation regardless of the main controller. |
| Voice Guidance | Provides audible indication for test in progress, test complete, and successfully saved settings changes. |
| Volume Controller | Volume can be controlled by volume controller |
| Printer | High-speed thermal printer with automatic cutter (2.5 inches wide) |
| Etc. | Antitheft hole, CAL(Used for connecting to a mercury sphygmomanometer for pressure value adjustment) |
| External Interface | RS232C(USB compatibility when using USB cable) |
| Option 1 | Personal desk, Height controllable chair |
| Option 2 | Dual-display LCD, Dual-display Cable |

Other Specifications

| | |
|-----------------------|---|
| Power Source | AC 100~240V, 50/60Hz |
| Power Consumption | 30VA |
| Dimension | 489(W) × 450(L) × 284(H): mm 19.3(W) × 17.7(L) × 11.2(H): inch |
| Weight | 9kg(19.8lbs) |
| Operation Environment | 10 ~ 40°C(50 ~ 104°F), 30 ~ 75%RH, 70 ~ 106kPa |
| Storage Environment | -10 ~ 70°C(14 ~ 158°F), 10 ~ 80%RH, 50 ~ 106kPa(No condensation) |

*Specifications are subject to be changed without prior notice.



InBody is a body composition analysis device manufacturer that has acquired over 80 patent rights across the globe.



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