

WristAP® BP100A



Noninvasive Continuous Instantaneous Blood Pressure Monitor

Wrist Measurement, Calibration Free.

The WristAP® uses a wrist unit to measure non-invasively, real time and continuous arterial blood pressure. It based on the volume-clamp methodology.

Device Components: Monitor, Wrist Unit.

Product Pictures



No.1 Wrist Detector



No.2 Monitor



No.3 From left to right:
Wrist Splint, Wrist Pads,
Positioning Ring Rubber

Key Features

- **Non-Invasive & Safe**
Painless, stress-free and without any risk to the patient
- **Instantaneous & Continuous**
Beat-to-beat continuous non-invasive BP measurement and real-time the radial BP waveform.
- **Calibration-Free**
Without any calibration, fast and accurate measurement
- **Movement resistant**
It has strong anti-dynamic performance for patients.
- **Long Time Monitoring**
As for monitoring the blood pressure of the radial artery on wrist, it is minimal effect on blood circulation with nerve conduction. It can be used for monitoring in a long time.
- **High Accuracy**
It can be continuously to monitor the blood pressure of patients in low perfusion, shock with weak pulse.

Key Indicators

- Measuring Range:
SBP: 40-250mmHg DBP: 15-215mmHg
MBP: 30-250mmHg PR: 30-250bpm
- Resolution of Measurement:
Blood Pressure: 1mmHg Pulse Rate: 1 beat/min
- Alarms: Physiological -medium priority Technical - low priority

Physical Parameter

- Size: 318mm x 152mm x 264mm
- Weight: 5.5kg

Operating Environmental

- Temperature: 0°C to 40 °C
- Humidity: ≤80%
- Atmospheric pressure: 70kPa to106kPa

Power Requirements

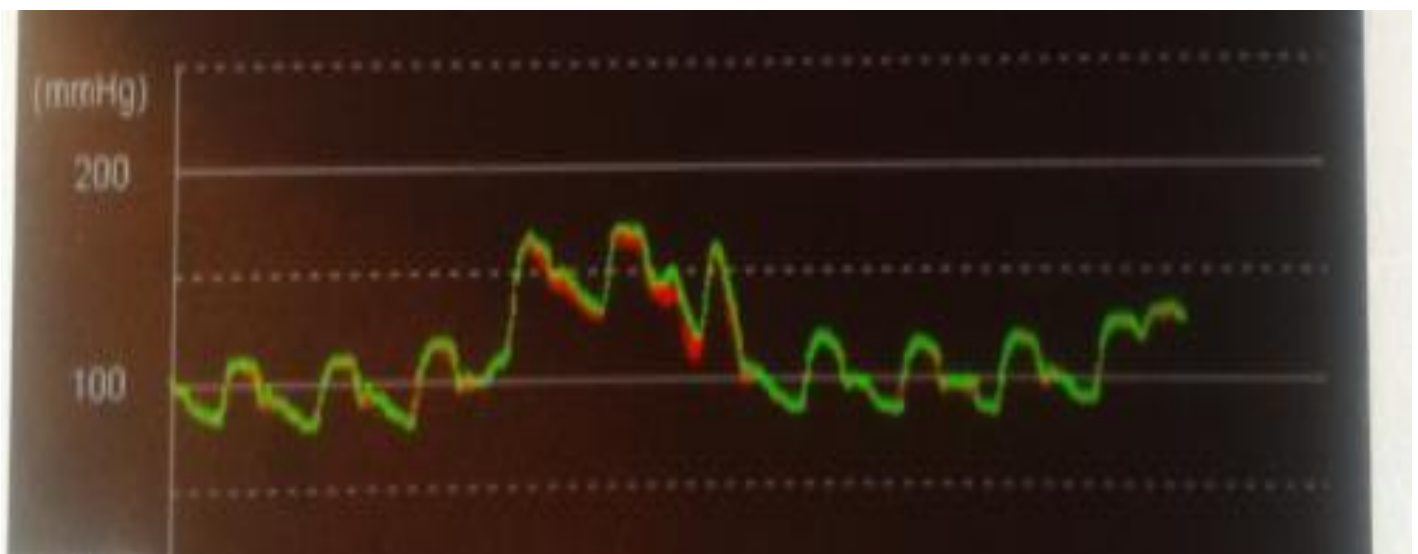
- AC input: 100 to 240 VAC (50Hz / 60Hz)
- DC output: 12 VDC

Application:

For apply to the patients who must get the real time blood pressure value with waveform in a long time continuous with safe monitoring at all occasions.

Comparison of blood pressure waveform between non-invasive (BP-100A) and invasive intra-arterial blood pressure

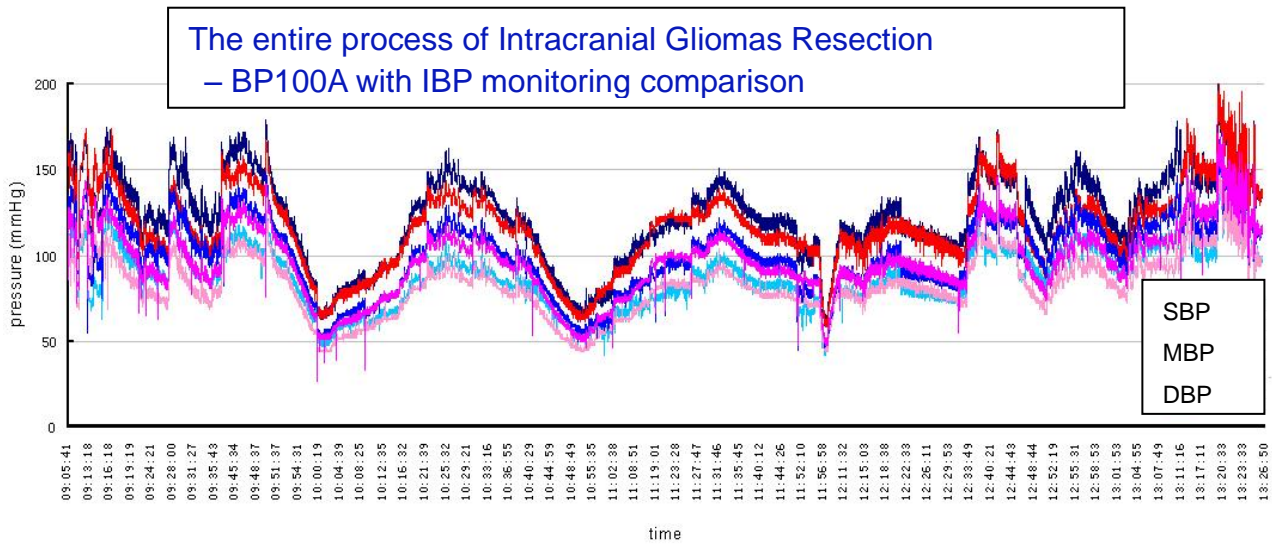
Case I: Compare the patient with coughing and restlessness



Red : Invasive

Green: Non-invasive (BP-100A)

Case II: The agreement of BP-100A and invasive during anesthesia

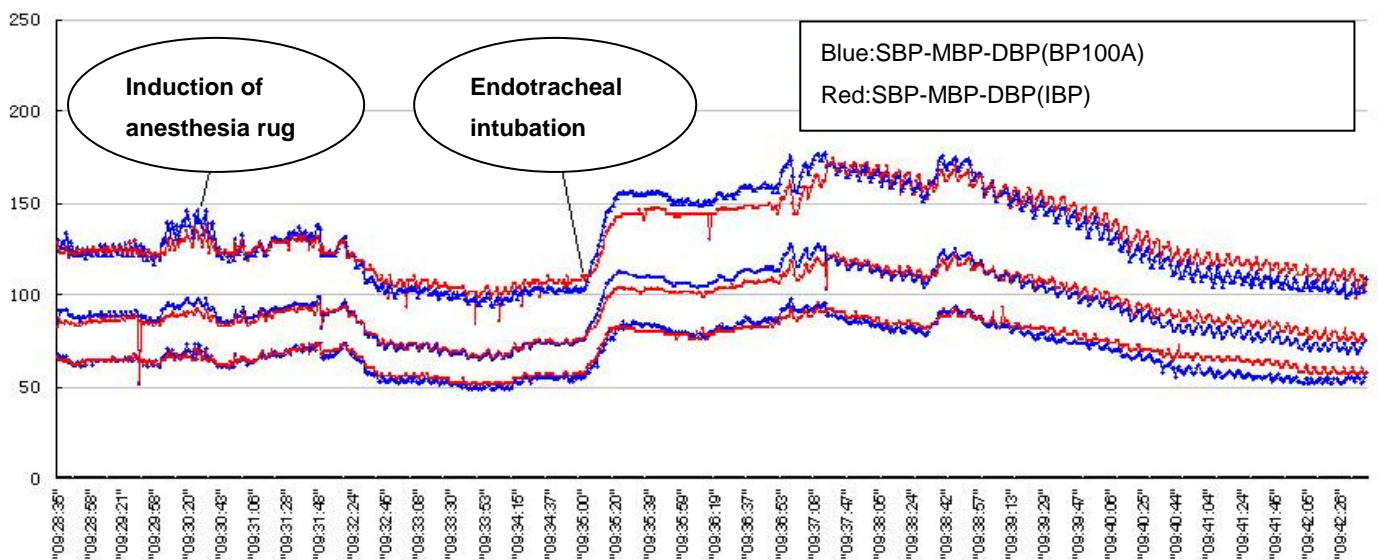


Blue: SBP – MBP – DBP measuring by BP100A (non-invasive)

Red or pink: SBP – MBP – DBP measuring by IBP (invasive)

Case III: Comparison of blood pressure waveform during induction of anesthesia and intubation

Comparing chart of BP100A with IBP monitoring for the patient in vasomation states



Blue: SBP – MBP – DBP measuring by BP100A (non-invasive)

Red : SBP – MBP – DBP measuring by IBP

Contact:

Sarah Zeng

T: +86-29-85227001

Marketing & Sales Manager

F: +86-29-88863387

M: +86-13279366998

E: med@libang.com.cn W: www.Libangpharm.com