



BP-Tel™

Transtelephonic Blood Pressure Monitor

Easy-to-Perform, One-Step Home Monitoring for Hypertensive & Hypotensive Patients

BP-TEL enhances the lifestyle of hypertensive and hypotensive patients by relieving the "White Coat Effect" normally associated with blood pressure monitoring conducted at hospitals and clinics. A user-friendly, one-step instrument, it enables physicians to conduct routine blood pressure monitoring from the comfort of their patients' homes. With its built-in proprietary communicator, BP-TEL automatically transmits data over the patient's home telephone line to the MPM Receiving Center.

Applications

- Hypertensive / Hypotensive patients' follow-up
- Patient drug compliance follow-up
- Clinical Studies
- Home monitoring
- CHF patient follow-up

Features

- Advanced digital signal processing and transmission technologies
- Measured Values:
 - Systolic pressure in mmHg
 - Diastolic pressure in mmHg
 - Heart rate in Beats Per Minute (pulse)
- Oscillometric method with automatic cuff inflation and deflation
- Built-in transtelephonic communicator
- User ID code
- Remote programming capability
- Low battery indicator
- Communication status indicator

Benefits

- Easy-to-use
- Saves on time and traveling
- Reduces White Coat Effect
- Conducted from the privacy and comfort of one's home

Technical Data

Operational

Measurement Method: Oscillometric
 Parameters: Systolic, Diastolic and Heart rate
 Measurement Range: 20~280 mmHg (Blood Pressure)
 40~200 P/MIN. (Pulse)
 Accuracy : ± 3 mmHg or 2% of Blood Pressure value $\pm 5\%$ (Pulse)
 Cuff Inflation: Micropump
 Cuff Deflation: Automatic constant-air-release valve system
 Rapid Exhaust: Automatic by internal air-release valve
 Pulse Wave Detection: Manschettor

Communication

Data Transmission: Standard DTMF digits
 Dialing Method: Pulse or Tones
 Communication Status Indicator: Green LED
 Telephone Connector: RJ-11 Type
 Auto Power Off
 Programmable Parameters:

- Dialing Method (Pulse/Tones)
- 4 different telephone numbers
- Retry number (for comm. fault)
- Dial tone check (Yes/No)
- Number of rings for autoanswering
- Communication timeout duration
- User ID number

Power

Battery: 6VDC, 4 x 1.5V size "AA" batteries
 Battery Life: Approx. 4 month usage of 1 use per day

Physical

Display: Digital LCD, 16mm character
 Tel. Communication LED
 Dimensions: 163.7 (W) x 111 (D) x 66.7 (H) mm
 Weight: Approx. 400 grams

Specifications subject to change without prior notice.
 FDA Cleared, CE Mark