



CONTEC08A is a desktop Electronic Sphygmomanometer, features in high-resolution color LCD, optional interface languages(Chinese and English), strong visibility, full-automatic NIBP measurement. It is applicable for adult, neonatal and pediatric. The device integrates parameter measurement, display and record in one device, adopts data review interface, such as "data list", "trend chart", "big font", with SpO<sub>2</sub> measurement function(SpO<sub>2</sub> probe is necessary). It can be applied to clinic and physical center for routine measurement.

### Features

- 1) Full-automatic NIBP measurement.
- 2) Three-user data storage function, and up to 100 records for each user can be stored, convenient to use.
- 3) Optional measurement mode: adult, neonatal and pediatric.
- 4) NIBP data can be clearly checked by the data review interface, such as "data list", "trend graph", "big font" interface, etc.
- 5) With SpO<sub>2</sub> measurement function(SpO<sub>2</sub> probe is necessary).
- 6) Prompt for over-limit, and the upper and lower limit can be set.
- 7) Low-battery indication.
- 8) The device will display corresponding error information when measurement error appears.
- 9) With short-time power storage function, when replacing the battery, the clock time will not be influenced.
- 10) Optional measurement units: mmHg and kPa.
- 11) Storage of NIBP measurement results, measurement date and time.
- 12) With high-resolution color LCD, optional interface languages(Chinese and English), strong in visibility.
- 13) Communicate with PC, to achieve the functions of data review, result analysis, trend chart observation and report print, etc.
- 14) Automatic power-off function.

### Software function

- 1) Connect with the device by the USB interface.
- 2) NIBP measurement result of the terminal device can be uploaded.
- 3) Display trend chart, histogram, pie chart, etc.
- 4) Each NIBP data can be edited, and annotation can be added to the data.
- 5) Basic information, doctor advice, NIBP condition, current medicine-taken information, etc. can be edited.
- 6) With print preview function, report can be printed.

### Accessories

- Cuff for adult
- User manual
- Software CD
- USB data line
- Power adapter(optional)
- SpO<sub>2</sub> probe (optional)
- Cuffs for other size(optional)

### Performance

- 1) NIBP
  - Measurement method: Oscillometry
  - Measurement mode: upper-arm type
  - Measurement range: 0kPa(0mmHg)~ 38.67kPa(290mmHg)
  - Resolution: 0.133kPa(1mmHg)
  - Accuracy:  $\pm 0.4kPa(\pm 3mmHg)$
  - Pulse rate measurement range: 40bpm~240bpm
  - Inflation: automatic inflation by force pump
  - Deflation: automatic multistep deflation
- 2) SpO<sub>2</sub>(optional)
  - Measurement range: 0%~100%
  - Accuracy: 70%~100%,  $\pm 2\%$
  - Pulse rate:
    - Measurement range: 30bpm~250bpm
    - Resolution: 1bpm
- 3) Display: 2.8" color LCD
- 4) Power: four "AA" batteries/5V or 6V power adapter
- 5) Safety character: class II , type BF applied part

### Physical characteristic

- Dimension: 130 mm(L) × 110 mm(W) × 80 mm(H)
- Weight: 300g (without batteries)
- Single package size: 20X15X10 cm
- Single gross weight: 1.500 kg
- Operation environment
  - Temperature: 5 °C ~ 40 °C
  - Relative humidity: 15% ~ 85%
  - Atmospheric pressure: 700hPa~1060hPa
- Storage environment:
  - Temperature: -20°C ~ +55 °C
  - Relative humidity:  $\leq 95\%$
  - Atmospheric pressure: 700hPa~1060hPa

### Certification

CE, FDA



# CONTEC08A

## Electronic Sphygmomanometer