

# ZD120 VITAL SIGNS MONITOR



1

Real-time recording NIBP, SpO<sub>2</sub>, Pulse Rate / Heart Rate

2

Optional: Temperature Infrared ear thermometer.

3

> 10 hours internal battery life - with SpO<sub>2</sub> measurement and NIBP measured every 15 minutes.

4

Suitable for Neonatal, Pediatric and Adult patient use.

5

Light Weight, only 1.66 kg

6

NIBP can be used in manual or auto mode



# SPECIFICATIONS

## SpO2 Specifications

- SpO<sup>2</sup> measuring range: 0% - 100%
- SpO<sup>2</sup> measuring accuracy: 70%-100%: 2% (non-motion)
- Pulse rate range: 20bpm -254bpm ±3bpm
- Display updated period: ≤2s
- SpO<sup>2</sup> speed: 25.0 mm/s

## NIBP Specifications

- Measuring method: Oscillometric method
- Measuring parameter: SYS, DIA, MAP
- Unit of measurement: mmHg or kPa
- Work mode: Manual, Auto, Stat, rule 1, rule 2
- Cycle Time: 2,3,4,5,10, 15, 30, 60, 90, 120 minutes
- SYS range:
  - Neonate: 30mmHg - 135mmHg (4.0kPa - 18.0kPa)
  - Adult: 30mmHg -270mmHg (4.0kPa - 36.0kPa)
  - Pediatric: 30mmHg - 200mmHg (4.0kPa - 26.7kPa)
- DIA range:
  - Neonate: 10mmHg -95mmHg (1.3kPa -13.3kPa)
  - Adult: 10mmHg - 210mmHg (1.3kPa - 28.0kPa)
  - Pediatric: 10mmHg - 150mmHg (1.3kPa - 20.0kPa)
- MAP range:
  - Neonate: 20mmHg -110mmHg (2.7kPa -14.7kPa)
  - Adult: 20mmHg -230mmHg (2.7kPa -30.7kPa)
  - Pediatric: 20mmHg -165mmHg (2.7kPa -22.0kPa)
- NIBP accuracy: ±0.80kPa ±5mmHg
- Cuff pressure range:
  - Neonate: 0mmHg - 150mmHg (0kPa - 20.0 kPa)
  - Adult/pediatric: 0mmHg - 300mmHg (0kPa - 40.0kPa)
- Initial inflation pressure:
  - Neonate: 100mmHg (13.3kPa)
  - Adult:160mmHg (21.3kPa)
  - Pediatric: 140mmHg (18.6kPa)
- Deflation time: <10 seconds (typical adult cuff)
- Pulse rate range: 30bpm -254bpm
- Pulse rate accuracy: ±5bpm or ±5%

## TEMP Specifications

- Measuring range: 32°C - 42.2°C ±0.1°C
- Updating time: Approximately 1 second



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# SPECIFICATION SHEET

## DATA RECORDING

- Stored therapy profiles
- SpO<sup>2</sup>, PR and NIBP Monitoring with recording

## INNOVATIVE

- Portable with internal battery
- Can be used during patient transport
- Class 1 anti-chock protection
- Masimo SpO<sup>2</sup> sensor technology
- USB port for data download
- Large LCD Screen
- Multiple Patient recordings

## ACCURACY

- Measure and record with accuracy
- Temperature: 32°C - 42.2°C ±0.1°C

## DATA STORAGE

168 h

Trend Review

1000

Alarm Review

6,000

NIBP  
Measuremen  
t Review

## TOUCH SCREEN

