



SP-800

Vital Signs Monitor



- ⊕ Designed and manufactured in the UK utilizing latest technology
- ⊕ Clinically validated by the ESH (European Society of Hypertension) or BHS (British Hypertension Society) protocols
- ⊕ Simple to use, on-screen instructions for multi-function programming
- ⊕ NIBP for adult/neonate, pulse rate, SPO2 and temperature
- ⊕ Alarms and printing function
- ⊕ Manual mode and multiple automatic settings
- ⊕ Built-in printer for instant data analysis
- ⊕ Stores 300 patient records
- ⊕ Extremely light and portable (max 1.4Kg)
- ⊕ Mains or battery operated for mobile monitoring with quick battery charging
- ⊕ Two-year guarantee with software free updates



TECHNICAL SPECIFICATIONS

Name and model number	Vital Signs Monitor, SP-800
Power source	Mains: AC power adapter AC100-240V, 50-60Hz, 15 Watts Rechargeable: Built-in rechargeable Li-ion batteries, charge 3 hours approx. 200 measurements for NIBP
Display	LED display: SYS, DIA, Mean, Pulse rate, SPO2, Temp with 8 LED indicators On-screen instruction: 48 digit LCD display in 2 lines
NIBP	Oscillometric method
Measuring range	Adult mode: 30mmHg – 270mmHg Neonate mode: 20mmHg – 130mmHg
Auto mode interval setting	3,4,5,10,15,20,30,60 or 90minutes (1 minute interval programmable from 1 min to 90 min.) / STAT for continues 10 minutes
Blood pressure accuracy	Meets or exceeds SP10-1992 AAMI standards for non-invasive blood pressure accuracy and the International protocol standards.
Initial cuff inflation	Adult: 180mmHg Neonate: 120mmHg / Programmable
Pulse rate	40-200bpm, accuracy 5%
Alarm setting range	Adult: SYS 50-250mmHg, DIA 40-170mmHg, Pulse: 30-200bpm Neonate: SYS 30-140mmHg, DIA 20-110mmHg, Pulse: 30-200bpm
SPO2 (Optional)	Nonin [®]
Measurement range	40-99%
Accuracy	SPO2: 70-99%, ±2 digits (Adult), ±3digits (Neonate), <70%: unspecified Pulse rate: ±3% (overrides NIBP calculated Pulse when active)
Resolution	1% SPO2
Alarm setting range	40-99%
TEMP (Optional)	Welch Allyn Sure Temp [®]
Measurement range	28.9°C – 42.2°C (84.0°F – 108.0°F)
Accuracy (including probe)	Meets ASTM E112-86 "Standard Specification for Electronic Thermometer for Intermittent Determination of Patient Temperature".
Resolution	±0.1°C (±0.2°F)
Average time constant	Oral: 4 seconds typical / Axillary: 10 seconds typical / Rectal: 15 seconds typical
Alarm setting range	Range: 28.9°C – 42.2°C (84.0°F – 108.0°F)
Printer	24 column thermal printer
PC interface	RS-232 can be connected to serial printer and PC
Operating environment	+10°C to +40°C (+50°F to +104°F), less than 85% RH
Storage environment	-20°C to +50°C (-4°F to +122°F), less than 85% RH
Dimensions	150(D) x 215(W) x 192(H) / mm
Weight	Approx 1.4Kg with all options
Safety	Designed and manufactured in accordance with IEC60601-1 / UL60601-1
Certification No.	CE0120 (GB98/14282), ISO9001(GB98/12830), ISO13485(GB98/12831)
Country of Origin	United Kingdom

These specifications are subject to change without prior notice for purpose of improvement.

ACCESSORIES

- Adult cuff
- Large adult cuff
- Child cuff
- Hose Assembly
- AC power adapter
- Printing roll paper
- User manual
- Neonate cuff A,B,C (optional)
- Neonate cuff hose connector (optional)
- SPO2 sensor probe (optional)
- Temperature sensor probe (optional)
- Mobile stand with basket (optional)



G-CARE
Electronics Limited

446 Ewell Road
Tolworth
Surrey, KT6 7EL
United Kingdom

Tel: +44 (0)20 8288 6492

Fax: +44 (0)20 8288 6498

Email: sales@gcaremedical.com