

Penlon V6 Vital Signs Monitor

PATIENT MONITORING SOLUTIONS

- ◆ 7" colour touchscreen
- ◆ Pulse oximetry, blood pressure and optional EtCO₂ measurements
- ◆ Up to 8 hours battery life
- ◆ Masimo® and Nellcor® SpO₂ options
- ◆ Ear thermometer and barcode scanner options



Penlon V6 Vital Signs Monitor



The features and options you need

- 1 7" TFT LCD touchscreen colour display
- 2 Parameters: SpO₂, NIBP and Microstream EtCO₂
- 3 Optional Masimo® or Nellcor® SpO₂
- 4 Optional Microstream EtCO₂
- 5 Up to 16,000 patient clinic records
- 6 Convenient integrated handle
- 7 Optional instant infra-red ear thermometer
- 8 Optional barcode scanner
- 9 Lightweight design
- 10 Rechargeable lithium battery

Technical Specifications

Physical Specifications

Dimensions	
Size	160 × 130 × 260 mm
Weight	<2.5 kg (including battery)
Display	
Type	Colour anti-glare TFT LCD
Size (Diagonal)	7 inch
Resolution	234 × 480 pixels
Power	
Input Voltage	100 to 240 V AC
Frequency	50/60 Hz
Input Power	70 VA
Battery	
Type	11.1 V 4000 mAh lithium ion
Operating Time	>8 hours
Charge Time	6 hours to 100% (Standby)
Data Storage	
Clinic Mode	
Patient Numbers	>1,000
Recording Number	16,000
Single Patient Clinic Records	1 to 16,000
Monitor Mode	
Patient Quantity	1
Trend Data	Resolution 1 Minute: Store 96 hours Resolution 5 Minute: Store 480 hours Resolution 10 Minute: Store 960 hours
Alarm Event	1000
NIBP Measurements	5000
Environmental	
Operating	
Temperature	5 to 40°C
Humidity	≤85% (non-condensing)
Pressure	700 to 1060 hPa
Transportation and Storage	
Temperature	-20 to 55°C
Humidity	≤93% (non-condensing)
Pressure	500 to 1060 hPa
PR	
Range	20 to 250 bpm
Resolution	1 bpm
Accuracy	±1% or ± 1 bpm, whichever is greater

Specifications

BLT Digital SpO ₂	
Measurement	0 to 100%
Resolution	1%
Accuracy	70 – 100%: ±2% 35 – 69%: ±3% 0 to 34%: Unspecified
Masimo SpO ₂ (Option)	
Range	0 to 100%
Resolution	1%
Accuracy	70 to 100% ±2% (adult/paediatric, non-motion) 70 to 100% ±3% (neonate, non-motion) 70 to 100% ±3% (motion conditions) 0 to 69% unspecified
Nellcor SpO ₂ (Option)	
Range	0 to 100%
Resolution	1%
Accuracy	70 to 100%: ±2% (adult) 70 to 100%: ±3% (neonate) 70 to 100%: ±2% (low perfusion) 0 to 69%: unspecified
NIBP	
Technique	Automatic oscillometry
Range	Adult: 10 to 270 mmHg Child: 10 to 235 mmHg Neonate: 10 to 135 mmHg
Accuracy	Static: ±3 mmHg
Clinic	Average error: ±5 mmHg
Standard Deviation	≤8 mmHg
Unit	mmHg, kPa
Pulse Rate	40 to 240 bpm
Microstream EtCO ₂ (Option)	
Method	Infrared
Mode	Sidestream
Sample Flow Rate	50 ml/min ±10 ml/min
Range	0 to 19.7%, 0 to 150 mmHg
Resolution	0.1% or 1 mmHg
Unit	%, mmHg, kPa
Accuracy	0 to 40 mmHg: ±2 mmHg 41 to 70 mmHg: ±5% 71 to 100 mmHg: ±8% 101 to 150 mmHg: ±10% (760 mmHg, temperature is 25°C) (when RR >80 rpm, all the range is ±12% of reading)

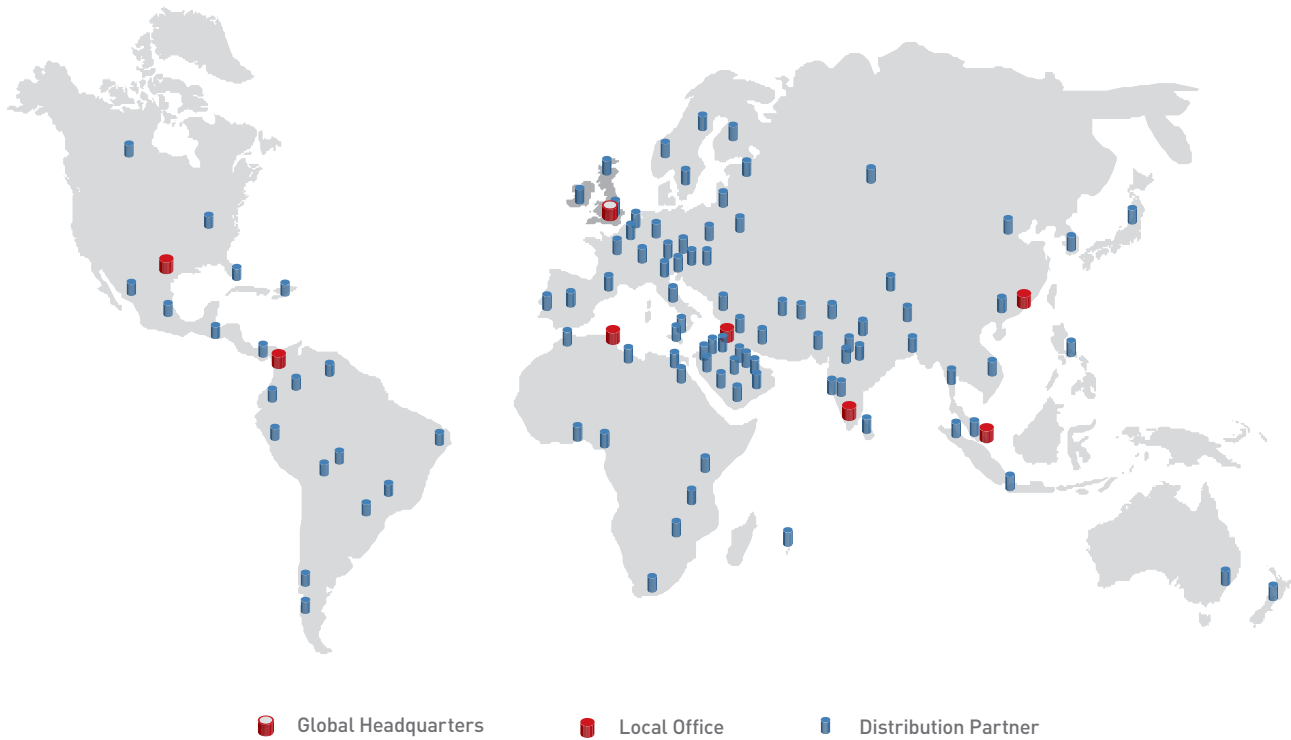
Standard Configuration: NIBP, BLT Digital SpO₂, PR, lithium battery. Options: Masimo SpO₂, Nellcor SpO₂, Microstream EtCO₂, instant infra-red ear thermometer, barcode scanner, touchscreen.

About Penlon ♦

Penlon was founded in 1943 by personnel from the Department of Anaesthesia at Oxford University. One of the first products was the Macintosh Laryngoscope, then a revolutionary design, and still the most widely used today, invented by the late Sir Robert Macintosh, Professor of Anaesthetics.

Today Penlon continues to design, engineer and build high quality anaesthesia products at its UK operations headquarters. The company is proud to have 80 years' dedicated experience, many awards for product design, and an impressive four Queen's Awards for Enterprise, one for 'Innovation' and three for 'International Trade'.

Penlon devices feature intuitive user interfaces that require minimal operator training, putting clinicians in control, enabling them to focus on what is most important – patient safety and wellbeing.



PenlonGlobal



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