

# AnyView, AnaVue

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# Penlon AnyView P18/P15/S12 Patient Monitor

## PATIENT MONITORING SOLUTIONS

- ◆ P-Series Modular and S-Series Preconfigured patient monitors for anaesthesia and critical care<sup>1</sup>
- ◆ User-defined multi-parameter display
- ◆ Seamless monitoring with the mobile module<sup>1</sup>
- ◆ Full transport functionality as a secondary display, remote from main monitor<sup>1</sup>
- ◆ CE marked



# Penlon AnyView P18/P15/S12 Patient Monitor



## AnyView S12 Preconfigured Patient Monitor

- 1 12" TFT LCD touchscreen colour display with optional slave screen capability
- 2 Standard parameters: 3/5 lead ECG, RESP, NIBP, SpO<sub>2</sub>, PR, and 2-TEMP
- 3 Networkable as standard, with wireless LAN option
- 4 Quiet, fan-less cooling system
- 5 Optional thermal printer
- 6 User-definable smart-key controls
- 7 Rechargeable lithium battery



## AnyView P18/P15 Modular Patient Monitors

- 1 18/15" TFT LCD touchscreen colour display and slave screen capability
- 2 Parameters: 3/5/6 lead ECG, RESP, SpO<sub>2</sub>, PR, NIBP, 2-TEMP, 2-IBP, EtCO<sub>2</sub>, Anaesthetic Gas, Cardiac Output, EEG, BIS, RM, Nerve Stimulator, Regional Oximetry and Biolink
- 3 Multi-parameter, dual-function P1 - Plug-in module/ Transport monitor with 5.5" touchscreen
- 4 Up to 1800-hour trend data storage
- 5 Networkable as standard, with wireless LAN option
- 6 Quiet, fan-less cooling system
- 7 Optional thermal printer
- 8 User-definable smart-key controls
- 9 Rechargeable lithium battery

# The Penlon AnyView Patient Monitor Range provides clarity, simplicity, flexibility and fast processing power for superior monitoring in all clinical areas.

Contemporary design and extensive range of parameters provide flexibility for a wide variety of clinical situations, including the operating theatre and recovery.



## Control and Visualisation

18/15/12" TFT colour touchscreen display with smart-key control and audio/visual indicators.



## Calculations

Perform haemodynamic calculations and concentration calculations of commonly used drugs



## Networking Capabilities

RJ45 wired networking as standard, with IEEE 802.11n wireless option.



## Patient Profiles

Suitable for adult, paediatric and neonatal patient profiles.



## Anaesthetic Gas Monitoring

Mainstream or Sidestream, five anaesthetic agents, and measurement of CO<sub>2</sub>, N<sub>2</sub>O and O<sub>2</sub> (Sidestream only).



## Alarms

Audible and visual alarms with colour coding separate for physiological and technical alarms.



## Connectivity

Extensive range of connection ports including RJ45, DVI, USB, Nurse Call and Auxiliary Module connector.



## Battery BackUp

Provides power to the machine for up to 4 hours (S12) or 3 hours (P18/P15), in the event of an AC mains power failure.



## Cooling System

Quiet, fan-less cooling system provides unintrusive operation.



## Mounting Options

Rolling stand<sup>1</sup>, wall mount<sup>1</sup> or anaesthesia workstation mounting options.



## Optional Thermal Recorder

Output patient information, measurement data, review data and up to three waveforms.



## Maintenance and After-Sales Support

Comprehensive warranty provides peace of mind and after-sales support. Additional services and warranties can be purchased to meet your particular needs.



## Electromagnetic Compatibility

Fully compliant to IEC 60601-1-2, ISO 80601-2-55, IEC 80601-2-30, IEC 80601-2-49, ISO 80601-2-61, IEC 60601-2-34

## P1 - Transport Monitor

Multifunctional plug-in module; can be detached and used for standalone monitoring during patient transfer and recovery.

### 1 Multi-parameter Module

The P1 functions as a multi-parameter plug-in module with five standard parameters and multiple connectivity options.

### 2 Patient Transfer

Easy to remove/refit. Functionality includes patient data storage during transfer.

### 3 At the Bedside

Connect to another host monitor and upload patient data. P1 is compact and lightweight (0.9 kg), and gives up to 240 minutes operation (rechargeable lithium ion battery). Full standalone functionality with 5.5" touchscreen.

### 4 Colour TFT LCD Display

5.5" display with automatic screen rotation to portrait or landscape orientation.

1



2



3



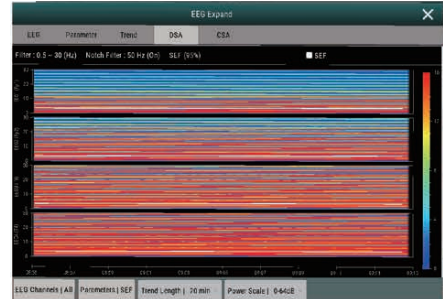
4



<sup>1</sup>Not available on S12 preconfigured patient monitor

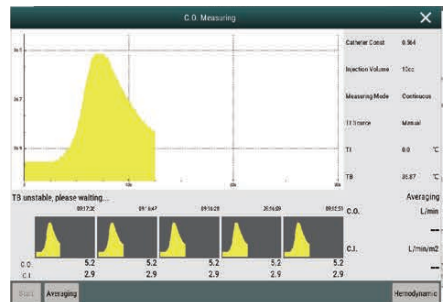
## Electroencephalography<sup>1</sup>

Electroencephalograph (EEG) is used to determine changes in brain activity that assist in diagnosing brain activity.



## Cardiac Output

Cardiac output (CO) monitoring enables clinicians to assess blood flow to the tissues and provides information on how best to support a failing circulation.



## Bispectral Index<sup>1</sup>

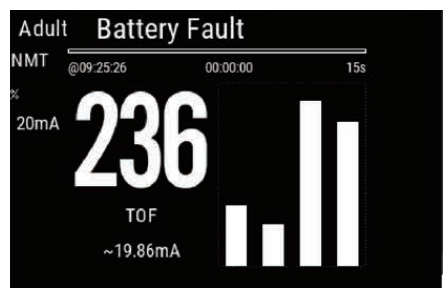
Bispectral Index (BIS) monitoring enables clinicians to monitor the consciousness level of patients under general anaesthesia or sedation in the operating room and intensive care unit.



The design of the AnyView Patient Monitor Range allows clinicians to configure the patient monitor to their clinical requirements, whether for anaesthesia or critical care applications.

## Neuromuscular Transmission<sup>1</sup>

NMT measures the acceleration of muscle movement by applying controllable electrical stimulation to specific motor nerves, calculates muscle contraction force, and assesses muscle relaxation under a neuromuscular block.



<sup>1</sup>Not available on S12 preconfigured patient monitor



## Features and Benefits



Features	Benefits
Touchscreen display	Precise control at your fingertips
Optional Sidestream or Mainstream Anaesthetic Gas, N <sub>2</sub> O, CO <sub>2</sub> and SpO <sub>2</sub> monitoring <sup>1</sup>	Comprehensive gas monitoring for enhanced economy and patient safety
Modular parameter options <sup>1</sup>	Flexible combinations and easy to upgrade
Extensive parameter options	Comprehensive choice provides optimum patient care
Mobile module <sup>1</sup>	Functions as a multi-parameter plug-in module with 2-TEMP, NIBP, SpO <sub>2</sub> , 3/5 ECG and 2-IBP
P1 - Continuous monitoring <sup>1</sup>	Can be detached and used for standalone monitoring during patient transfer and recovery
Multiple connectivity options	Easy to integrate into existing technology infrastructure
Fan-less cooling system	Quiet running provides unintrusive operation
Battery back up	Provides power for up to one hour
Maintenance and after-sales support	Customer peace of mind

<sup>1</sup>Not available on S12 preconfigured patient monitor

# Penlon AnaVue 4000 Patient Monitor

## PATIENT MONITORING SOLUTIONS

- ◆ Modular patient monitor for anaesthesia and critical care
- ◆ User-defined multi-parameter display
- ◆ Seamless monitoring with the EMS plug-in module
- ◆ Full transport functionality as a secondary display, remote from main monitor
- ◆ Programmable touchscreen configuration
- ◆ FDA and CE certified



# Penlon AnaVue 4000 Patient Monitor

















## Simple intuitive user interface enables clinical staff to concentrate on improved patient outcomes with accurate physiological data

- 1 17" TFT LCD touchscreen colour display and slave screen capability
- 2 Parameters: ECG, RESP, NIBP, SpO<sub>2</sub>, TEMP, IBP, CO<sub>2</sub>, Anaesthetic Gas/O<sub>2</sub>, C.O., ICG, EEG and BIS
- 3 Multi-parameter, dual-function EMS - Plug-in module/Transport monitor with 3.5" touchscreen
- 4 8-hour trend data storage on EMS
- 5 Networkable as standard, with wireless LAN option
- 6 Unique display management function uses scalable screen elements to customize the display
- 7 User-definable smart-key controls
- 8 Quiet, fan-less cooling system
- 9 Rechargeable lithium battery
- 10 2 GB SD memory card for enhanced data storage handling (upgradeable to 4 GB)



# The Penlon AnaVue 4000 Patient Monitor is a sophisticated system that delivers continuous monitoring and data upload during patient transfers.

Modular design and extensive range of parameters provide flexibility for a wide variety of clinical situations, including the operating theatre and recovery.

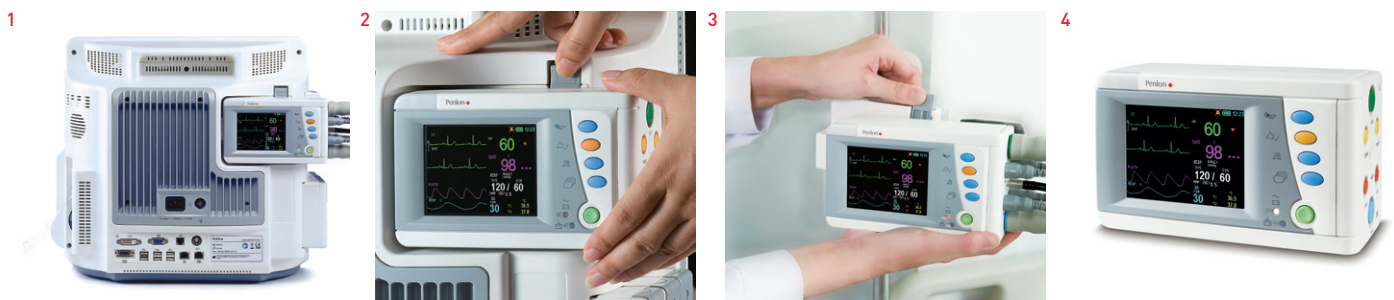
- 
**Control and Visualisation**  
 17" TFT colour touchscreen display with prompt knob, smart-key control and audio/visual indicators.
- 
**Calculations**  
 Perform haemodynamic calculations and concentration calculations of commonly used drugs
- 
**Customisable Display**  
 Unique display management function uses scalable screen elements to customize the display.
- 
**Networking Capabilities**  
 RJ45 wired networking as standard, with IEEE 802.11g wireless option.
- 
**Patient Profiles**  
 Suitable for adult, paediatric and neonatal patient profiles.
- 
**Anaesthetic Gas Monitoring**  
 Mainstream or Sidestream, five anaesthetic agents, and measurement of CO<sub>2</sub>, N<sub>2</sub>O and O<sub>2</sub> (Sidestream only).
- 
**Alarms**  
 Audible and visual alarms with colour coding separate for physiological and technical alarms.
- 
**Connectivity**  
 Extensive range of connection ports including DVI, VGA, USB, analogue output and HIS (HL7 compatible).
- 
**Battery BackUp**  
 Provides power to the machine for up to 1 hour, in the event of an AC mains power failure.
- 
**Cooling System**  
 Quiet, fan-less cooling system provides unintrusive operation.
- 
**Mounting Options**  
 Rolling stand, wall mount or anaesthesia workstation mounting options.
- 
**Thermal Recorder**  
 Output patient information, measurement data, review data and up to three waveforms.
- 
**Maintenance and After-Sales Support**  
 Comprehensive warranty provides peace of mind and after-sales support. Additional services and warranties can be purchased to meet your particular needs.
- 
**Standards Compliant**  
 Fully compliant to ISO 80601-2-13, ISO 80601-2-30, ISO 80601-2-55, EN 12470-4 and IEC 60601-1.

## EMS - Continuous Monitoring

Multifunctional plug-in module; can be detached and used for standalone monitoring during patient transfer and recovery.

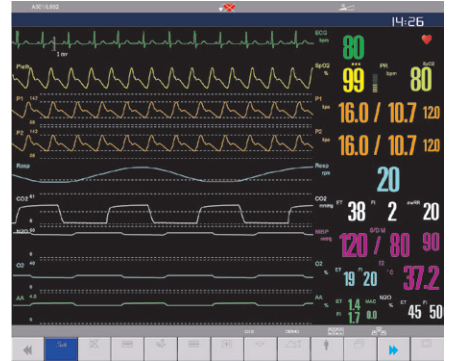
- 1 Multi-parameter Module**  
 The EMS functions as a multi-parameter plug-in module with five parameters (see opposite).
- 2 Patient Transfer**  
 Easy to remove/refit. Functionality includes patient data storage during transfer (max. 8 hours trend data).

- 3 At the Bedside**  
 Connect to another host monitor and upload patient data. EMS is compact and lightweight (0.6 kg), and gives up to 60 minutes operation (rechargeable lithium ion battery). Full standalone functionality with 3.5" touchscreen.
- 4 Colour TFT LCD Display**  
 3.5" display with automatic screen rotation to portrait or landscape orientation.



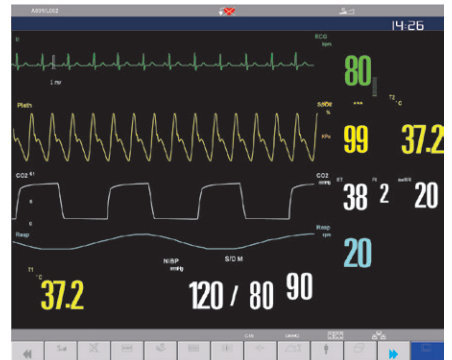
## Anaesthesia Gas Analysis

Mainstream or Sidestream, five anaesthetic agents, and measurement of CO<sub>2</sub>, N<sub>2</sub>O and O<sub>2</sub> (Sidestream only) with fast response times



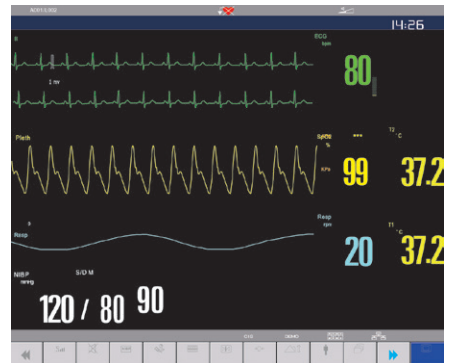
## EtCO<sub>2</sub> Monitoring

Mainstream, Sidestream or Microstream EtCO<sub>2</sub> provide accurate measurement irrespective of patient profile and clinical status



## SpO<sub>2</sub> Monitoring

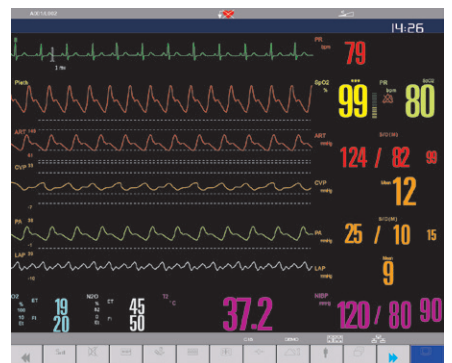
Standard SpO<sub>2</sub> module, plus optional Masimo MX™ or Nellcor SpO<sub>2</sub> modules available



The modular design of the AnaVue 4000 allows clinicians to configure the patient monitor to their clinical requirements, whether for anaesthesia or critical care applications.

## IBP Monitoring

Multi-waveform display for up to four channels of invasive blood pressure measurement



# Features and Benefits



Features	Benefits
Optional touchscreen display	Precise control at your fingertips
Optional Sidestream or Mainstream Anaesthetic Gas, N <sub>2</sub> O, CO <sub>2</sub> and SpO <sub>2</sub> monitoring	Comprehensive gas monitoring for enhanced economy and patient safety
Modular parameter options	Flexible combinations and easy to upgrade
Extensive parameter options	Comprehensive choice provides optimum patient care
EMS module	Functions as a multi-parameter plug-in module with 2-TEMP, NIBP, SpO <sub>2</sub> , 3/5 ECG and 2-IBP
EMS - Continuous monitoring	Can be detached and used for standalone monitoring during patient transfer and recovery
Multiple connectivity options	Easy to integrate into existing technology infrastructure
Fan-less cooling system	Quiet running provides unintrusive operation
Battery back up	Provides power for up to one hour
Maintenance and after-sales support	Customer peace of mind

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