



# smartsigns<sup>®</sup>

## Compact 500 Series

Combined spot check and monitoring capability

VITAL SIGNS MONITOR



# The SC500 supports clinical decision making in any environment

Maximise your productivity at the touch of a button by selecting either a numerical SPOT display or traditional WAVEFORM display.

The attractive design with its integrated touch screen and intuitive screen layout maximises the care givers' productivity. Functions are carried out using a 'point and press' operation.

Using the smart interface, users have the choice of selecting a large numerical display or switching to a more traditional two waveform layout to display patient status.

## Enhance departmental workflow

Providing caregivers with a flexible platform, the SC500 base configuration provides users with a standard set of monitoring capabilities - BP, Pulse Rate and Oxygen Saturation; in areas where additional vital signs need to be monitored, users can select from the options listed below to include a number of options designed to address these needs:

Base configuration	BP, SpO <sub>2</sub> and Pulse Rate
Option 1	ECG (I, II III lead)
Option 2	Nellcor Oximax™ SpO <sub>2</sub>
Option 3	Temperature (Tympanic thermometer)
Option 4	Integrated two channel printer

Patient measurements and observations are enhanced through the provision of the early warning scoring system (MEWS and NEWS2 systems).

The integrated scoring tool provides users with a standardized method of identifying changes with patient status, it also has the potential to reduce the number of data input errors when compared with manual methods of recording.

Each monitoring option is supported by user programmable three level alarm function, this essential feature helps reduce alarm fatigue and supports best practice. Furthermore, the alarm priorities and levels can be set to match any existing departmental protocol.

To support effective patient management and efficient record keeping, the large internal memory can store, transfer and recall up to 200 sets of measurements.

Spot and waveform display



# Versatile and fully featured

Smartsigns® SC500 is a high performance vital signs monitor capable of delivering short, medium and long term monitoring of adult, paediatric and new-born patients.







All patient groups supported

- Adult
- Paediatric
- Neonate

The SC500 provides caregivers with a high level of flexibility to address the challenges healthcare professionals and caregivers are faced with today.

The SC500's detail to design ensures the system delivers accurate reliable and repeatable measurements, when and where they are required.



# Reliability in any environment

Adult, Paediatric or Neonate patient status is displayed on an 8" colour digital display enabling clinicians to view patient status easily supporting clinical decisions at the point of delivery.

The long life 8 hour high capacity battery pack ensures the product can be used in the most demanding of healthcare settings which may be prone to power supply disruption.







# Integrated monitoring

The SC500 range can be integrated with into your existing Smartsigns Central View centralised monitoring system. Using the standard network connection, continuous, real-time vital signs information is transferred over the hospital network to the workstation where departmental surveillance is accomplished.

The bi-directional control between the work station and each connected device delivers a totally integrated solution.



**Trolley mounted option**



**Wall mounted option**

# Technical

Technical Summary	
Size	164 x 155 x 245mm (L x W x H)
Weight	2.5Kg
Display type / size	8" colour LED with integrated touchscreen - user selectable SPOT check or MONITORING screen
Power voltage	100 - 240VAC 50 / 60Hz
Battery type	Rechargeable lithium ion 4,400mAh, 8 hrs back up, 3.5 hrs recharge time
Alarms	User adjustable 3 level physiological and technical alarms
Patient groups	Adult, Paediatric & Neonate
NiBP	Oscillometric - manual, automatic and continuous modes
SpO <sub>2</sub>	Huntleigh, Nellcor™ Oximax™
Temperature	IR wireless tympanic
ECG	3 Lead (I, II, III) - user selectable
Printer	High speed two channel
I/O	USB, multi function I/O, data exchange, HL7 protocol

## Models and Options

	Description
SC500 Base Configuration	NiBP, SpO <sub>2</sub> & Pulse rate
Option 1	ECG (3 Lead configuration)
Option 2	Nellcor Oximax™ SpO <sub>2</sub>
Option 3	Temperature (Tympanic Thermometer)
Option 4	Integrated Recorder

As a proud member of the Arjo family, we have been committed to supporting healthcare professionals in improving outcomes and enhancing patient wellbeing since 1979. We do this through our proven solutions for Vascular Assessment & Treatment and Fetal & Patient Monitoring. With innovation and customer satisfaction as our guiding principles, we strive for clinical excellence and improved performance, for life.

**Manufactured and distributed by Huntleigh Healthcare Ltd.**  
 35 Portmanmoor Road, Cardiff, CF24 5HN, United Kingdom  
 T: +44 (0)29 20485885 sales@huntleigh-diagnostics.co.uk  
 www.huntleigh-diagnostics.com

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 ArjoHuntleigh House, Houghton Hall Business Park, Houghton Regis, Bedfordshire, LU5 5XF  
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