Vismo

Bedside Monitor PVM-4000 Series

Peace of mind monitoring

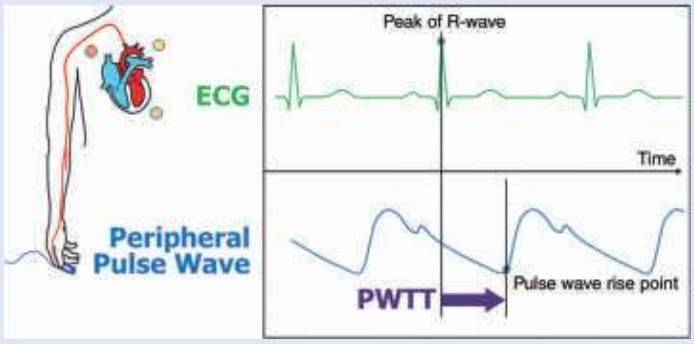
Fighting Disease with Electronics

NIHON KOHDEN

Nihon Kohden's unique technologies contribute to increasing patient safety

Redefining quality of care with non-invasive hemodynamics monitoring

esCCO (estimated continuous cardiac output) is new technology to determine the cardiac output using Pulse Wave Transit Time (PWTT) and standard monitoring parameters–ECG, SpO_2 and NIBP. esCCO provides real-time, continuous and non-invasive cardiac output measurement alongside the familiar vitals sign parameters and it is a very effective cost-saving solution because it has no additional running costs or accessories.



Pulse Wave Transit Time derived from ECG and pulse oximetry signal

PPV/SPV Less-invasive preload indicators

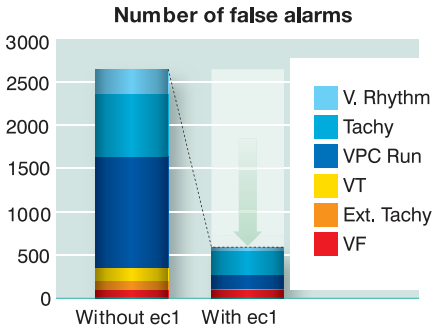
PPV (Pulse Pressure Variability) and SPV (Systolic Pressure Variability) are indicators of fluid responsiveness that can be measured in a minimally invasive way. These are useful indicators in guiding fluid therapy for patients on mechanical ventilation.

ec1 Arrhythmia Analysis

High quality monitoring increases accuracy

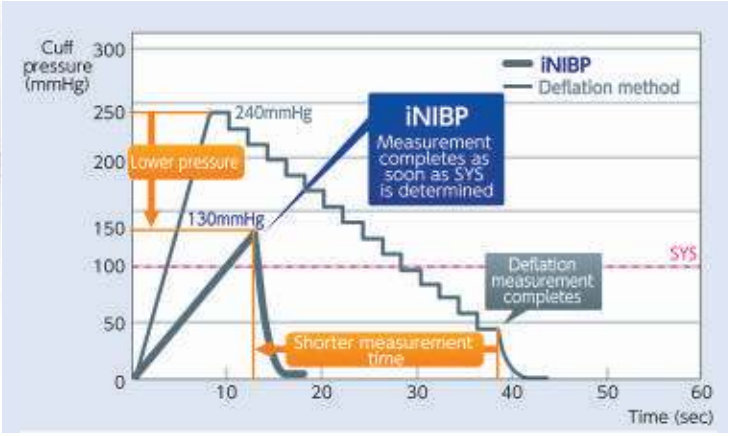
High accurate ec1 arrhythmia analysis

If there are too many false alarms, you may miss noticing when a patient's condition becomes critical. Nihon Kohden's ec1 arrhythmia analysis provides superior elimination of false alarms. ec1 has been evaluated against public arrhythmia databases as well as Nihon Kohden's own ECG database, with a result of 80% reduction in false alarms. Afib detection and QTc/QRSd measurement are also available.



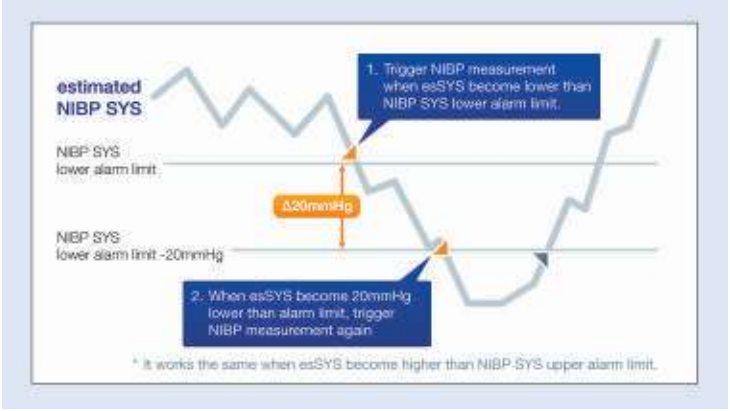
Take faster, gentler NIBP measurements

To make non-invasive blood pressure measurements faster and gentler, our iNIBP technology detects systolic and diastolic pressure during cuff inflation. Moreover, with our PWTT (Pulse Wave Transit Time) you can trigger non-invasive blood pressure measurements whenever required.



PWTT

PWTT (Pulse Wave Transit Time) triggered NIBP measurement increases the chance of detecting a sudden change in blood pressure. When PWTT is set to ON, the monitor calculates the estimated NIBP systolic pressure using PWTT and if it exceeds the alarm limit of NIBP systolic pressure, NIBP is subsequently measured automatically during periodic NIBP measurement.



cap-ONE ORAL NASAL EXPIRATION

Ensure quality of care during sedation

Currently clinical guidelines recommend capnography as one of the most reliable non-invasive methods to continuously monitor and assess the adequacy of the patient's respiratory condition during procedural sedation and analgesia.

A new class of ultra compact and highly durable sensors will change your image of mainstream CO_2 sensors being easy to break. cap-ONE provides CO_2 monitoring for both intubated and non intubated patients.

Mainstream CO_2 Sensor, non-intubated and intubated patients

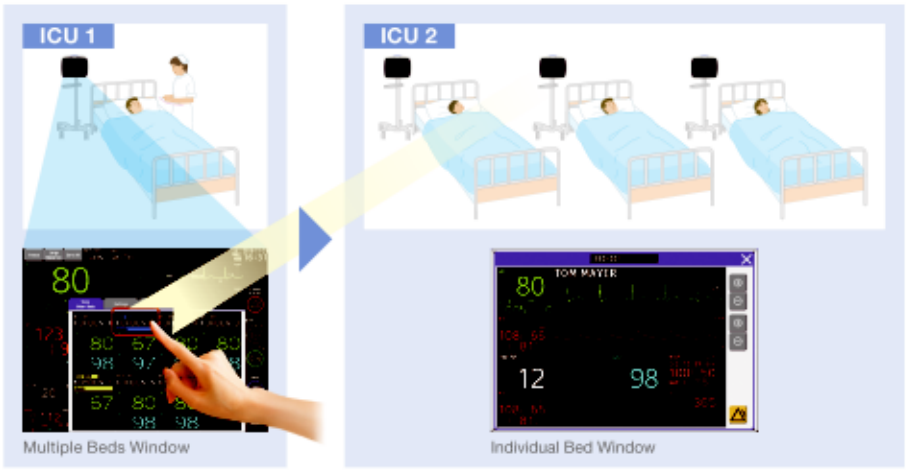
Co_2 sensor kit, TG-920P

Airway adapter
R804

Oral/nasal adapter
V923, with oxygen
Cannula adapter

Reduce workloads of caregivers

Do you have a situation where you have to manage multiple patients in different rooms? The interbed function will support such an environment. You can use any bedside monitor to check the patients, vital information and the alarm status of other monitors in the network, even if there is no central monitor. Numeric data for 8 patients, or numeric data and 2 waveforms for one patient, can be displayed on the interbed screen.



Multiple Beds Window　　Individual Bed Window

Vismo is designed to be easy to clean in order to satisfy increasing demands for hygiene management.

Specifications

Display size	10.4 inch, color TFT type LCD
Resolution	800 × 600 dots
Number of waveforms	PVM-4761:4, PVM-4763:6
Waveform display mode	Non-fade fixed
Sweep speed (ECG, Pulse)	6.25, 12.5, 25 or 50 mm/s
Sweep speed (Resp)	1.56, 6.25, 12.5 or 25 mm/s
Parameters	PVM-4761: ECG (3/6 lead), Resp, SpO_2, NIBP, Temp PVM-4763: ECG (3/6 lead), Resp, SpO_2, NIBP, Temp, CO_2, IBP
Trend Table/Graph	120 hours
Arrhythmia Recall	120 hours
Full disclosure	120 hours
Alarm history	120 hours
Battery operation time	6 hours
Recorder	3 traces (option)
Interbed	8 beds
Dimensions	276W X 237H X 1430 mm
Weight	3.3 kg

Smart Cable system—unique modular technology

Flexible MULTI socket parameters available.

SpO_2 Probe options


TL-651T3, Silicon rubber type

P225F, finger


P225G, Multisite type, Neonate to Adult use

This brochure may be revised or replaced by Nihon Kohden at any time without notice.

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