

Vismo

Bedside Monitor PVM-4000 series

Peace of mind monitoring



Fighting Disease with Electronics

 NIHON KOHDEN

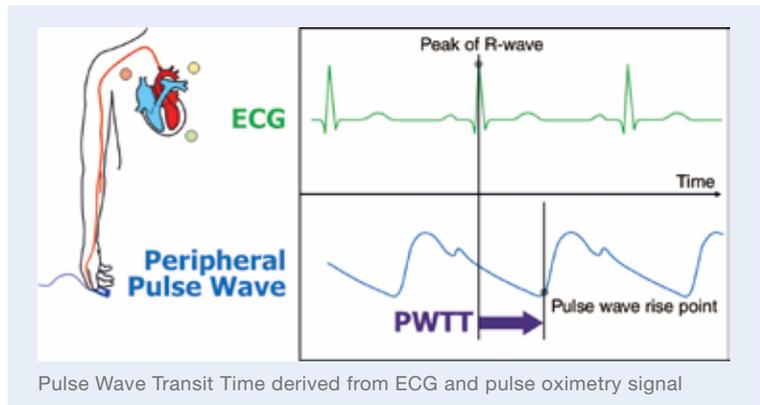


Nihon Kohden's unique technologies contribute to increasing patient safety



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, SpO₂ and NIBP. esCCO provides real-time, continuous and non-invasive cardiac output measurement alongside the familiar vital sign parameters and it is a very effective cost-saving solution because it has no additional running costs or accessories.



PPV/SPV Less-invasive preload indicators

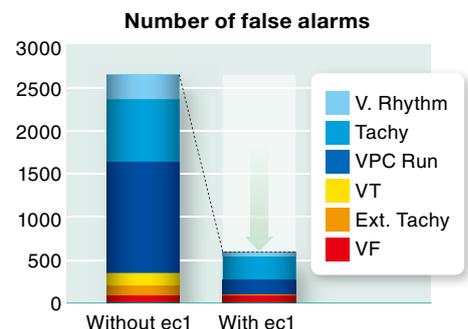
PPV (Pulse Pressure Variability) and SPV (Systolic Pressure Variability) are indicators of fluid responsiveness that can be measured in a minimally invasive way. These are useful indicators in guiding fluid therapy for patients on mechanical ventilation.



High quality monitoring increases accuracy

High accurate ec1 arrhythmia analysis

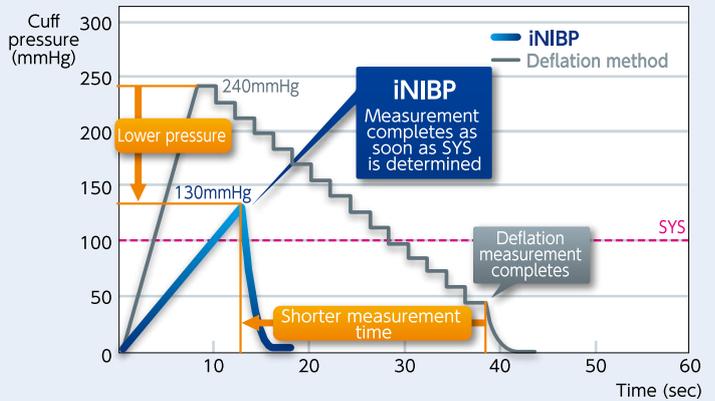
If there are too many false alarms, you may miss noticing when a patient's condition becomes critical. Nihon Kohden's ec1 arrhythmia analysis provides superior elimination of false alarms. ec1 has been evaluated against public arrhythmia databases as well as Nihon Kohden's own ECG database, with a result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





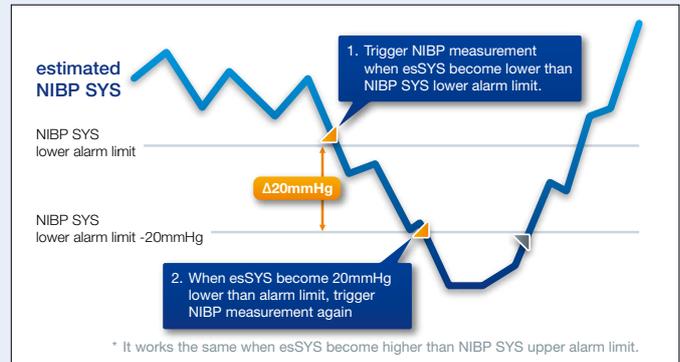
Take faster, gentler NIBP measurements

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

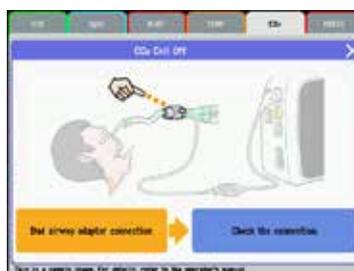
Currently clinical guidelines recommend capnography as one of the most reliable non-invasive methods to continuously monitor and assess the adequacy of the patient's respiratory condition during procedural sedation and analgesia.

A new class of ultra compact and highly durable sensors will change your image of mainstream CO₂ sensors being easy to break. cap-ONE provides CO₂ monitoring for both intubated and non intubated patients.



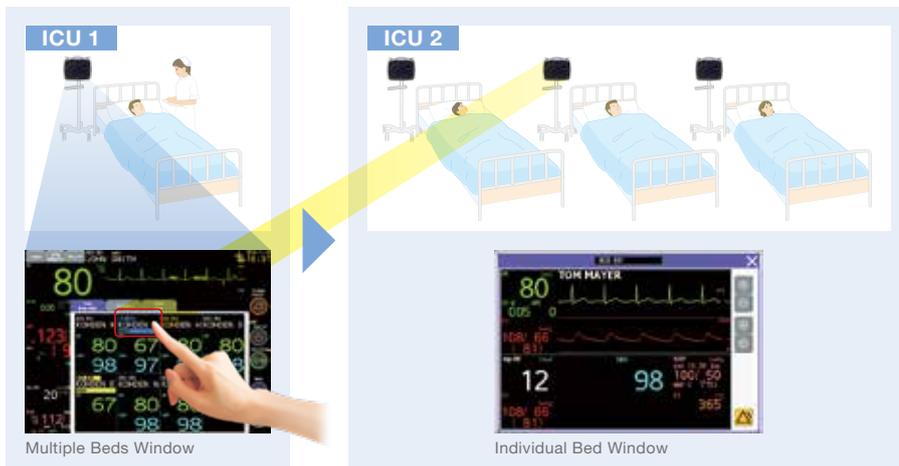
Illustrated tutorial guides you in correct monitoring and leads to more accurate results

When a technical alarm occurs, Vismo shows an image of the points to check. The guide also shows measurement tips for each parameter.



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.



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



Line-up				
Model	SpO ₂	MULTI socket	esCCO	PWTT
PVM-4763	Nihon Kohden	2	(with QP-470P) ✓	✓
PVM-4753	Nellcor	2		
PVM-4733	Masimo	2		
PVM-4761	Nihon Kohden	-	(with QP-470P) ✓	✓
PVM-4751	Nellcor	-		
PVM-4731	Masimo	-		

Major options	
	
Wireless LAN station, QI-520P	Recorder, WS-470P
	
Transmitter, ZS-900P	Battery pack, SB-470P

Smart Cable system—unique modular technology



Flexible MULTI socket parameters available.

	
Hook, DZ-470P	Interface, QI-470P

Some products may not be available in your country. Contact your Nihon Kohden representative for details. This brochure may be revised or replaced by Nihon Kohden at any time without notice.



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