

# Life Scope

## Bedside Monitor OPV-1500K

Simple operation non-invasive monitor  
with unique sensing technology

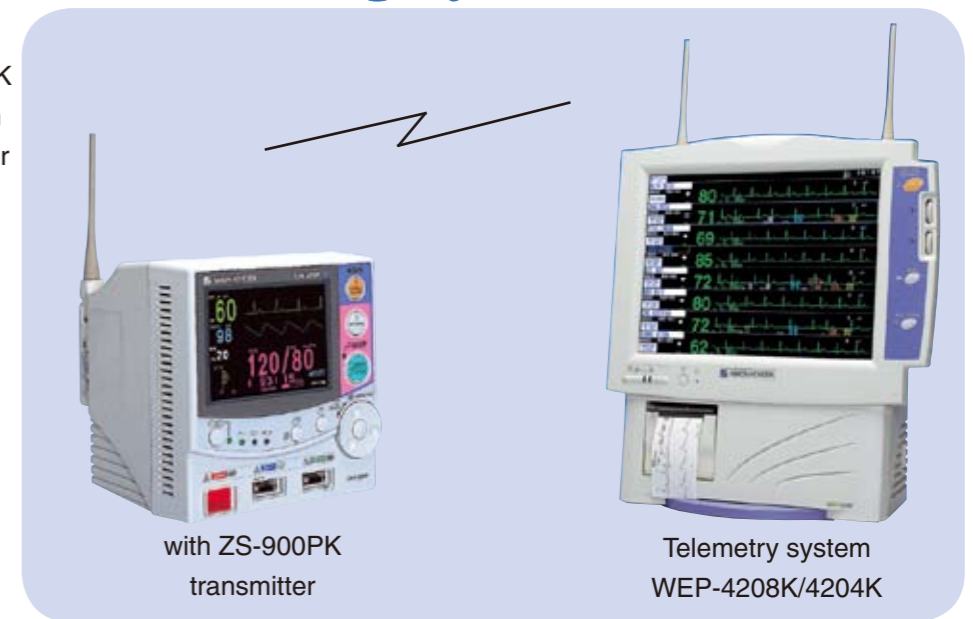


Fighting Disease with Electronics



# Nihon Kohden Monitoring System Network

By attaching an optional ZS-900PK transmitter to the monitor, you can transmit waveforms and parameter data to a Nihon Kohden telemetry central monitor or multi-patient receiver.



with ZS-900PK transmitter

Telemetry system WEP-4208K/4204K

## Major options

For full list of options and consumables, see the Technical Data separately available



**Cart, KC-012P**  
with quick release lever



**Recorder, RG-101W**  
Built-in 2 ch thermal array recorder for recording waveforms and data, trend, and list



**Battery, X064**  
Allows approx. 1 hour operation



**Alarm pole, YL-001P**  
Clearly shows the alarm level from a distance

### SpO<sub>2</sub> probe, BluPRO<sup>®</sup>

#### Disposable type

Comfortable fit to patients.



P203A adult finger  
P203B child finger



P203C neonate instep  
P203D infant finger or toe

#### Reusable type (washable)



P225F finger



P311C finger



P225G multi-site

### NIBP cuff

Select from various sizes of reusable/disposable NIBP cuffs. Soft and comfortable fitting.



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



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# Simple and compact bedside monitor for the ward

## Crisp display for easy viewing

### ★ 4 parameters

Life Scope N is designed for the step-down or general ward to measure basic vital signs.

#### Parameters:

ECG, SpO<sub>2</sub>, NIBP, Impedance respiration

### ★ Crisp viewing LCD

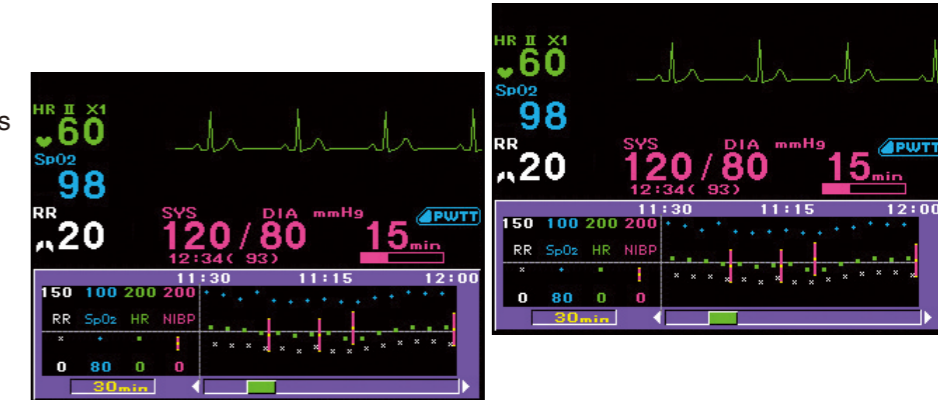
Easy-to-view crisp color TFT LCD screen with large numeric data and 2 traces display.



## Data review

### ★ Trend/Vital signs list

Up to 24 hours of trendgraphs of all parameters, and 400 sets of vital signs list data can be stored and reviewed.



## Accurate measurement

### ★ Unique SpO<sub>2</sub> sensor, BluPRO®

#### Reusable type

For adult finger: Comfortably fits most fingers with a parallel moving mechanism.



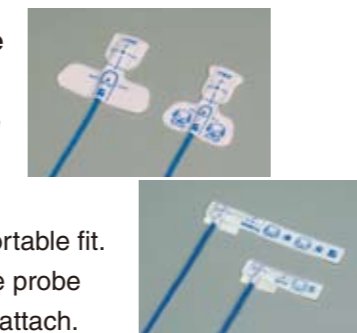
For infant/neonates instep: High flexibility allows accurate alignment of the LED.



Washable and splash protected probe can be washed in running water after disinfection.

#### Disposable type

The disposable probes are made of thin and soft tape with a flat surface for comfortable fit. The design of the probe makes it easy to attach.



## Simple design

### ★ Compact

The compact body is suitable for use in the ward.

### ★ Easy operation

Large START/STOP key for easy NIBP measurement.  
Large ALARM SUSPEND key for easily suspending alarms.  
Home/Review key for easily changing the display.



## Easy measurement

### ★ View NIBP measurement

You can easily review NIBP measurement condition by

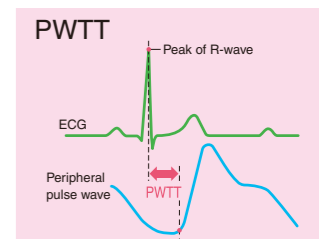
- Cuff pressure bar graph
- Interval time and time bar indicates remaining time until the next measurement



## Innovative technology

### ★ PWTT triggered NIBP

PWTT triggered NIBP measurement increases the chance to detect sudden change in blood pressure.



### PWTT

PWTT (Pulse Wave Transit Time) has a correlation to blood pressure in most cases. PWTT is calculated from ECG and SpO<sub>2</sub> non-invasively.

Blood pressure	PWTT
UP ↗	Shorter ↔
DOWN ↘	Longer ↔↔

During periodic NIBP measurement, if PWTT exceeds a threshold it triggers NIBP measurement. (uses Nihon Kohden patented technology)