

Life Scope G3

Vital Sign Telemeters GZ-130P/GZ-140P

Mobile Solution



Fighting Disease with Electronics

 NIHON KOHDEN

Safety

The life Scope G3 is a wearable vital sign telemeter which monitors ECG, respiration, SpO₂ and NIBP to support various phases of ambulatory patient care such as rehabilitation or transportation.

Anywhere

You can confirm the patient's vital signs and waveforms on the Life Scope G3 display. Even if the patient is outside the telemetry network area, the Life Scope G3 alarm gives notice of sudden change in patient condition.



Nurse call

The patient can notify the caregiver with the nurse call key.



Streamlining

Life Scope G3 lets you confirm alarm and review data intuitively at patient side to help streamline your workflow.



Advanced alarm management

Life Scope G3 has two alarm modes. When directly monitoring the patient, monitor mode sounds alarms at both the central monitor and the Life Scope G3. To create a quiet bedside environment for the patient, telemetry mode silences alarms at the patient side and alarms only sound at the central monitor.

An alarm indicator shows the patient's alarm status with three different colors.



Long battery operation time

With AA batteries, the Life Scope G3 can monitor ECG, SpO₂, respiration and NIBP for at least 24 hours in telemetry mode.

To save battery power, the display turns off after a specified period of inactivity.

Intuitive operation

Intuitive touch panel operation, such as swiping of numeric values to show details or swiping to scroll waveforms, makes the Life Scope G3 very easy to use. You have fast access to important information.



Seamless

Robust network configuration, data backup, and water resistant construction ensure valuable patient data.

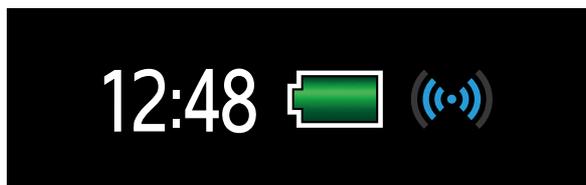
Robust network configuration

Life Scope G3 uses IEEE 802.11a/b/g/n protocols for robust and faster communication. Life Scope G3 supports WEP, WPA-PSK (TKIP), WPA2-PSK (AES) and IEEE802.1X (PEAP, EAP-TLS) encryption for advanced data security tailored to your hospital environment.



Data backup

The communication status icon shows the radio field strength. Even if the patient goes outside the telemetry area, you can check the latest 1 hour vital sign data stored in Life Scope G3.



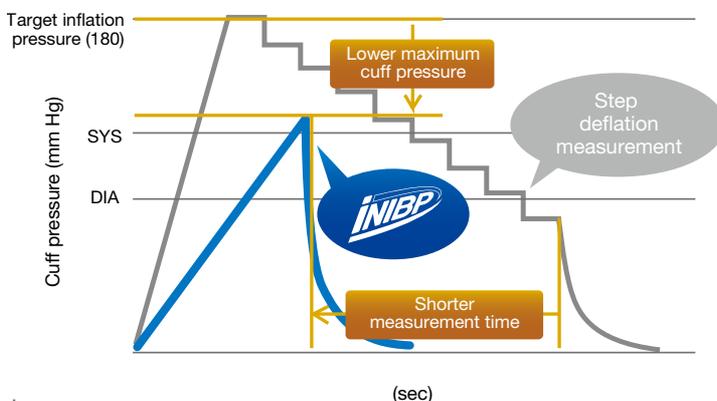
Nihon Kohden technology inside

Be impressed, free from stress



Non-invasive blood pressure measurement with speed, gentleness, and reliability.

iNIBP is Nihon Kohden's unique algorithm to measure NIBP during inflation. It provides fast and painless measurement of NIBP. YAWARA CUFF 2, Nihon Kohden's special cuffs, prevent subcutaneous bleeding, increase patient comfort and reduce noise for more accurate measurement.



iNIBP completes the measurement faster with lower cuff pressure.



GZ-130P:
ECG, Respiration, SpO₂

Quick intervention

A 3.2-inch wide screen shows waveforms and helps when quick action is needed.

Even if patient's blood pressure gets increased, iNIBP provides fast and painless measurement of NIBP.



GZ-140P:
ECG, Respiration, SpO₂, NIBP



Enhanced cardiology care

Life Scope G3 supports 3- and 6-lead ECG and detects 23 types of arrhythmia. It also has an arrhythmia recall screen. This reduces the chance of missing a change in the patient's cardiac status.

Review at the patient's side

You can review full disclosure waves, vital sign trend and a wide range of data* at the patient's side without going to the central station.

*24 hours data can be displayed when Life Scope G3 is connected to the central station.

Arrhythmia Recall
12/08 12:51:49 V FB
12/08 12:51:54 VPC
12/08 12:52:00 V TACHY
12/08 12:52:55 V TACHY
12/08 12:53:00 VPC
12/08 12:53:05 VPC
Total Items: 15

Full Disclosure
12/08 12:48:20 - 12:49:20 x1
1mV [ECG Lead I]
1mV [ECG Lead II]
1mV [ECG Lead III]
1mV [ECG Lead aVR]
1mV [ECG Lead aVL]
1mV [ECG Lead aVF]
1mV [ECG Lead V1]
1mV [ECG Lead V2]
1mV [ECG Lead V3]
2sec [Scale]

Tabular Trend					
12/08 17:44 17:45 17:46 17:47 17:48					
HR [bpm]	80	72	80	80	80
VPC [/min]	2	49	0	0	0
SpO ₂	97	97	97	97	80
PR [/min]	80	72	80	80	80
RR [/min]	21	22	20	20	20
ST(III) [mV]	-0.06	+0.04	+0.05	+0.05	+0.05

Photographs taken at: Medical Design Studio, Paramount Bed Co., Ltd., Tokyo, Japan
This brochure may be revised or replaced by Nihon Kohden at any time without notice.



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