

 NIHON KOHDEN

PATIENT MONITORING

PRODUCT CATALOG

November 2023 Edition

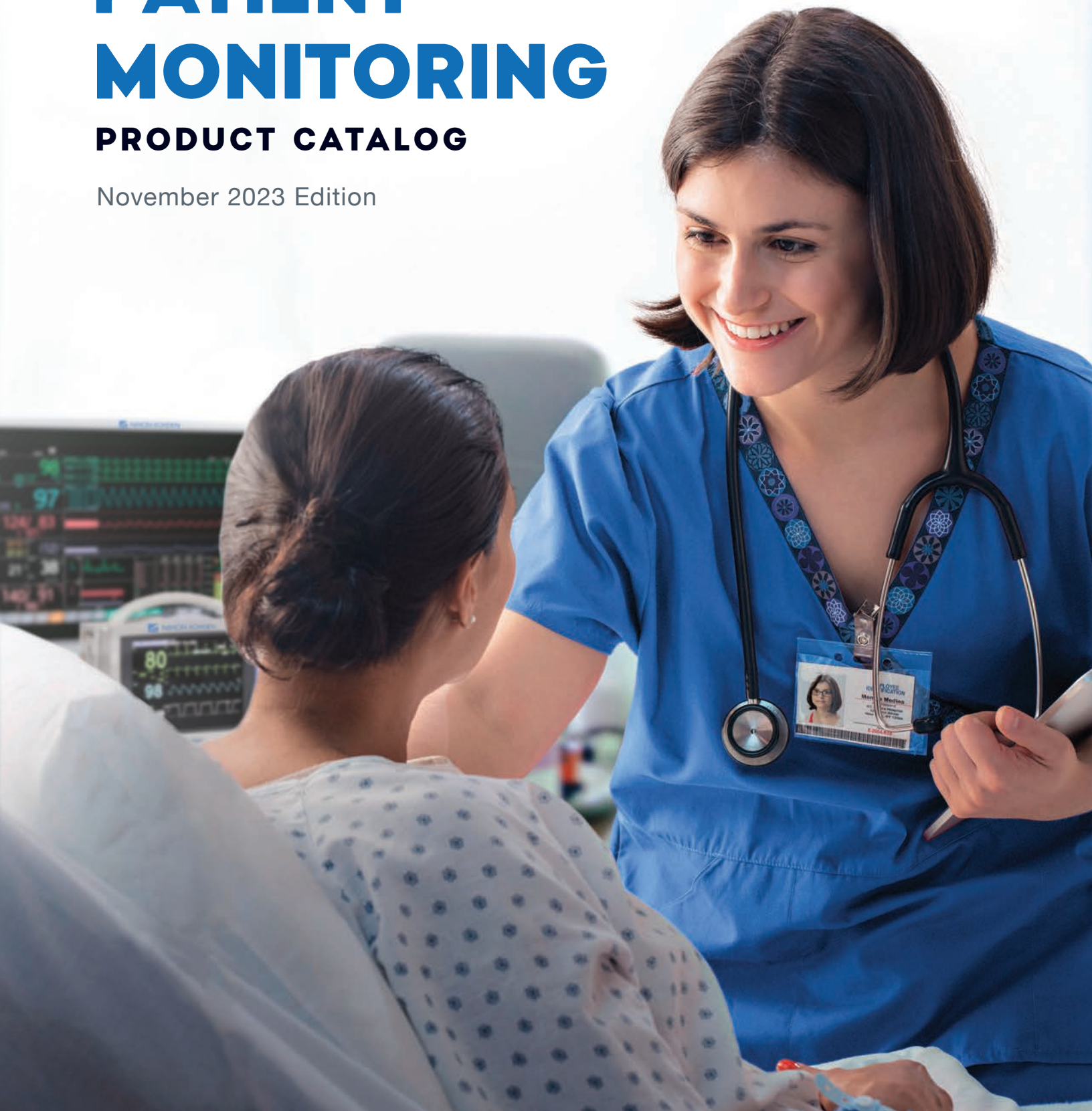




TABLE OF CONTENTS

INTRODUCTION	4
■ BEDSIDE MONITORS	6
Life Scope® G7 Series Bedside Monitors	
Life Scope® G5 Max Series Bedside Monitors	
Life Scope® G5 Series Bedside Monitors	
Life Scope® G7, G5 Max, G5 or G Series Bedside Monitors Optional Add-Ons	
BSM-6000 Series Bedside Monitors	
BSM-3500 Series Bedside Monitors	
BSM-1700 Series Transport Monitors	
■ VITAL SIGNS MONITOR	56
SVM-7200 Series	
■ BEDSIDE MONITOR ACCESSORIES	64
■ ANESTHESIA GAS MONITORING MODULE	74
GF-210RA Multi-Gas Unit	
■ CAPNOGRAPHY	80
OLG-3800 Respiratory Monitor	
■ CENTRAL STATION	86
CNS-2101 Central Stations	
NGNK Remote Monitoring Station	
■ TELEMETRY	94
G3 Telemetry Monitoring	
ZM Telemetry Monitoring	
■ PLATFORM & SERVER EXTENSIONS	108
Enterprise Gateway	
HL7 Server Extension	
WLAN, Wireless Assessment, Installation & Server Extension	
AWARE® Alarm Management and Reporting	
ViTrac® Server Extension	
PAGER Server Extension	
ECG Server Extension	
HL7 Essential Software	
■ SUPPORT/INSTALLATION	126
Clinical Support	
Clinical Optimization	
Installation	

INTRODUCTION

Putting Patients First

At Nihon Kohden, every employee is driven by the idea that each patient touched by our products could be a member of our own family.

This belief is the origin of our commitment to the quality and reliability of our technology and services. It is also the reason we develop our products with our premium-as-standard philosophy and design it to work across the healthcare continuum, giving providers the ability to deliver care without compromise.

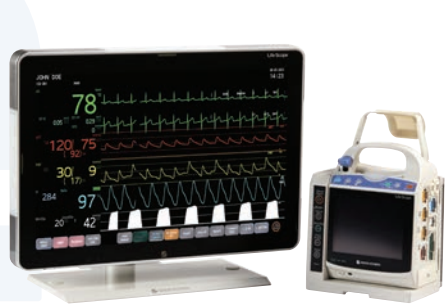
Because we know that every time one of our products is used, a person's life is at stake.

And we understand just how precious every life is.



BEDSIDE MONITORS

An integral part of Nihon Kohden's total monitoring system, our full-featured, high-performance bedside systems provide the comprehensive information that clinicians need, while helping to improve workflow.



Life Scope G7



Life Scope G5 Max



Life Scope G5



Bedside Remote Displays



BSM-3500 Series



BSM-1700 Series



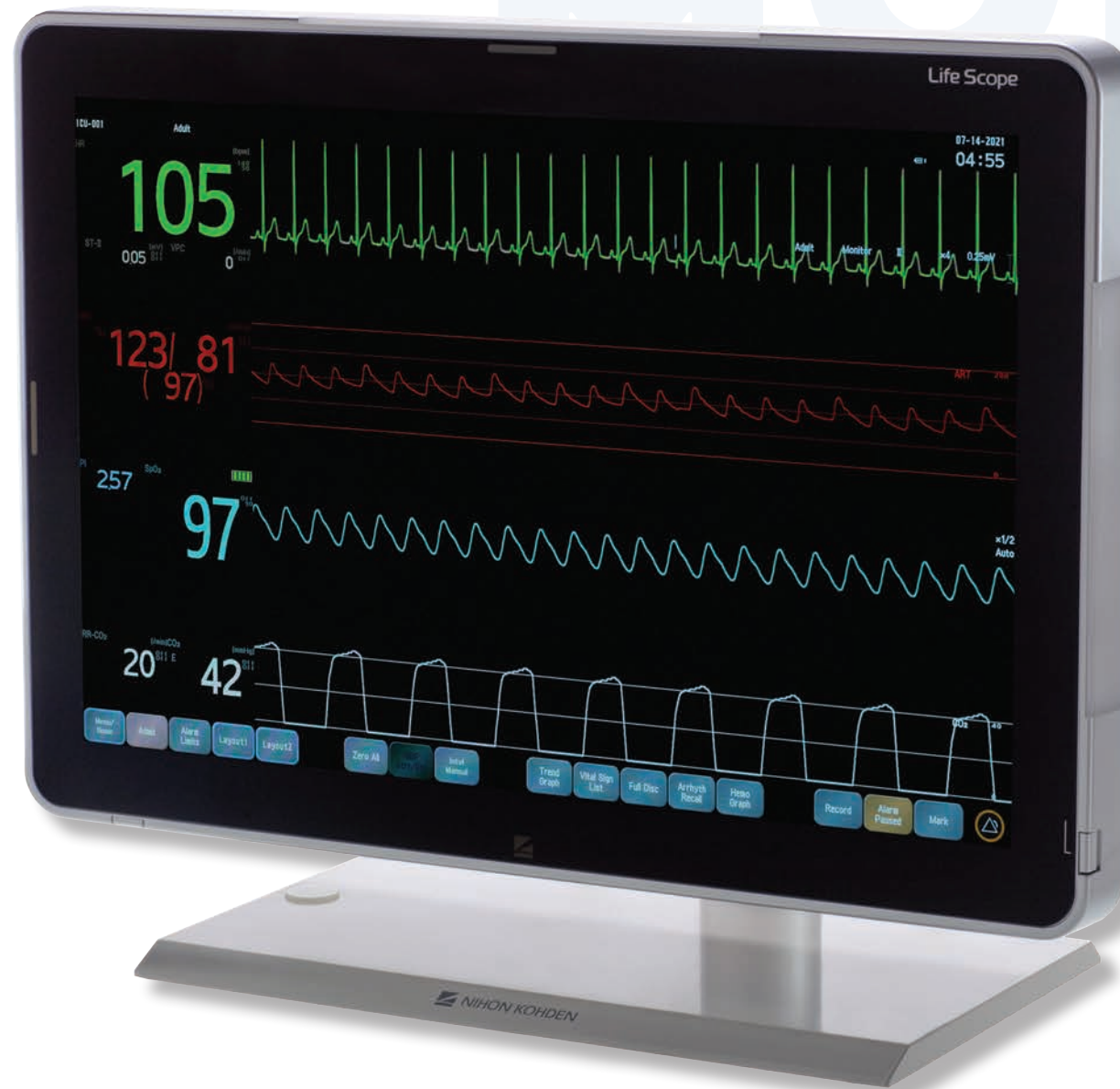
SVM-7200

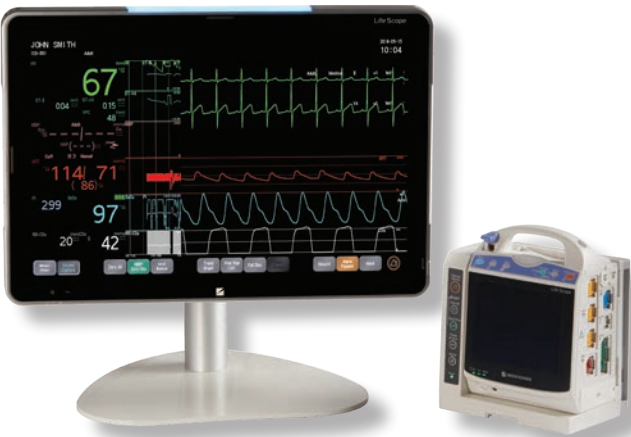


LIFE SCOPE® G7 BEDSIDE MONITOR

Nihon Kohden's all-inclusive monitoring philosophy continues with the Life Scope G7. This full-featured system provides comprehensive parameter monitoring with data storage, including multi-waveform/multi-parameter full disclosure, comprehensive arrhythmia and ST segment analysis. It also includes a 12-lead ECG capability, and drug, hemodynamic and respiration dynamics calculations that ensure a high standard of monitoring care across patient conditions.

With customizable caregiver-specific display options, the G7 can be personalized to each patient and caregiver regardless of the patient's health status or setting within the hospital — giving care teams the confidence that they have the right monitoring solution for each patient, every time.





LIFE SCOPE G7 SERIES PRODUCT FEATURES

- Life Scope G7 premium-as-standard design allows high-acuity care teams to be uniquely ‘patient ready’
- Acuity adaptable monitoring for all patient-centered care across care areas
- High definition, true-flat color LCD for precise waveform presentation
- Patient overview at a glance with G-Scope and up to 17 waveforms on the display
- Customizable screen layouts provide personalized configuration of data based on preference or patient requirements
- Data Acquisition Unit (DAU) for easier access to controls and transport monitor functions
- Seamless transport and data continuity with the BSM-1700 creating one patient record that enhances workflow and care coordination between units
- Life Scope G7 uses Nihon Kohden’s unique Smart Cable technology for complete modular flexibility

COMPLETE KITS – STANDARD ACCESSORIES INCLUDED

19” LCD Touch Display G7 Main Units
with Data Acquisition Unit (DAU) and BSM-1700

PRODUCT #	ITEM
CSM-1731-T-NKFL/ZA	3 Multi-connector with DAU & BSM-1773A, Nihon Kohden SpO ₂
CSM-1732-T-NKFL/ZA	3 Multi-connector with DAU & BSM-1753A, Nellcor® SpO ₂
CSM-1733-T-NKFL/ZA	3 Multi-connector with DAU & BSM-1733A, Masimo® SpO ₂

STANDARD ACCESSORIES FOR ALL
LIFE SCOPE G7 SERIES

PRODUCT #	ITEM
CU-172RA	Life Scope G7 Main Unit with display
JA-170PA	DAU, Data Acquisition Unit
SB-970P-CL	Life Scope G7, CPU Battery
SB-170P	BSM-1700 battery
A/MCDOC 140	G5 G7 Quick Reference Guide
DZ-170P	Bedrail Hook BSM-1700
A/094577	Power Cord

LIFE SCOPE G7 SERIES (TRANSPORT MONITOR)

Nihon Kohden Items Provided
with Life Scope G7 Series Monitors (NK SpO₂) (TPM)

(CSM-1731-T-NKFL/ZA)

PRODUCT #	ITEM
BSM-1773A	BSM-1700 TPM with Nihon Kohden SpO ₂
JL-900P	Nihon Kohden SpO ₂ Connection Cable
TL-271T3-A24	Disposable SpO ₂ sensors, adult, 24/box

Nellcor Item Provided
with Life Scope G7 Series Monitors (Nellcor SpO₂) (TPM)

(CSM-1732-T-NKFL/ZA)

PRODUCT #	ITEM
BSM-1753A	BSM-1700 TPM with Nellcor SpO ₂
JL-650P	Nellcor SpO ₂ Connection Cable

Masimo Items Provided with
Life Scope G7 Series Monitors (Masimo SpO₂) (TPM)

(CSM-1733-T-NKFL/ZA)

PRODUCT #	ITEM
BSM-1733A	BSM-1700 TPM with Masimo SpO ₂

OPTIONAL ADD-ONS

Optional Item for Life Scope G7 Series Monitors

PRODUCT #	ITEM
A/BARCODE	Barcode Reader
A/4671498	2D Barcode Scanner <ul style="list-style-type: none">• USB connection, handheld scanner, designed for the healthcare environment
QI-170PA	Wireless LAN station for BSM-1700 Series Monitor. Enables WLAN Transport on the Life Scope G7 and BSM-1700 communication to the central station during transport
QI-151P	Rear board option (adds two interface ports, Nurse Call)
QI-152P	Side option board, adds two interface ports, interactive display port and a DVI connector for 2nd remote display (factory install only)

Multi-Port Expansion for Life Scope G7 Series Monitors

PRODUCT #	ITEM
AA-174P	4 Multi-Port Expansion <ul style="list-style-type: none">• Mounts to Input Unit and increases total number of Multi-Ports to 7• Requires DH-150P or DH-159P for mounting

OPTIONAL ADD-ONS (CONTINUED)

Recorder Options for Life Scope G7 Series Monitors

PRODUCT #	ITEM
WS-171P	3 Channel Recorder (external), cable ordered separately
A/FQW-50-2-100	Recording Paper, 10 Packs per Box
YS-118P8	Recorder Cable 1.5m
YS-118P9	Recorder Cable 0.35m
A/XEROX-B610	Network laser Printer

Remote Control Options

PRODUCT #	ITEM
RY-910PA	Remote Controller

OPTIONAL ADD-ONS (CONTINUED)

Life Scope G7 Series Monitor Main Unit and Display Mounting Options

PRODUCT #	ITEM
A/FLP-0009-02C	M Series Pivot Mounting Arm Kit for Life Scope G7 <ul style="list-style-type: none">• M Series 12"• 30.5cm Pivot Arm for Flat Panel Display with 75/100mm VESA Mounting Detail
A/WMM-0006-02C	12"/30.5cm Fluted Post for M Series Pivot Arms (1.25"/3.2cm diameter)
A/WWS-0012-75	VHM-PL (Locking) Variable Height Arm for Life Scope G7 with 9" / 22.9 cm Riser and VESA Mounting Plate
A/WMM-0006-09B	9"/22.9cm Fluted down pole Post for M Series/VHM Arms
A/0050-01	<ul style="list-style-type: none">• PRC Pole• Post Mount For Nihon Kohden JA-690PA, JA-694PA or JA-170 Data Acquisition Unit – Clamp (M & VHM Arms)
A/WS-0003-23B	Patient Lead Organizer for M/VHM Applications
A/NK-0055-64B	Nihon Kohden Life Scope G7 recorder mount for WS-960P and WS-171P Printer
A/WC-0002-05	<ul style="list-style-type: none">• Seismic PolyMount 19"• 48.3 cm Channel
A/0078-60	Fixed Height Roll Stand With Offset Post and VESA Mounting Plate - Includes 75-100mm Adapter Plate (FLP-0002-17), Nihon Kohden JA-690PA, JA-694PA or JA-170 Data Acquisition Unit Mount

To mount the Life Scope G7 to an anesthesia cart, such as Dräger Primus® or GE Aespire®, order the corresponding parts.

See Appendix 2 of the configuration guide or the GCX website, call 1.800.228.2555 or contact your local GCX sales representative.

These GCX components can be included manually with the quote. Contact your Nihon Kohden sales representative to assist you.

Amico also offers solutions for G7. Please see the Amico Website for more details.

ADDITIONAL CABLE LENGTHS

DAU to G7 Connection Cable Alternative Lengths
(one DAU cable must be ordered)

PRODUCT #	ITEM
YS-118P0	G7 Unit Connection Cable from G7 to DAU, 1 m
YS-118P1	G7 Unit Connection Cable from G7 to DAU, 2.8 m
YS-118P2	G7 Unit Connection Cable from G7 to DAU, 5 m
YS-118P3	G7 Unit Connection Cable from G7 to DAU, 10 m
YS-118P3-L30	G7 Unit Connection Cable from G7 to DAU, 30 m

G7 Recorder Cable Alternative Lengths
(one YS-106P2 included in the kit)

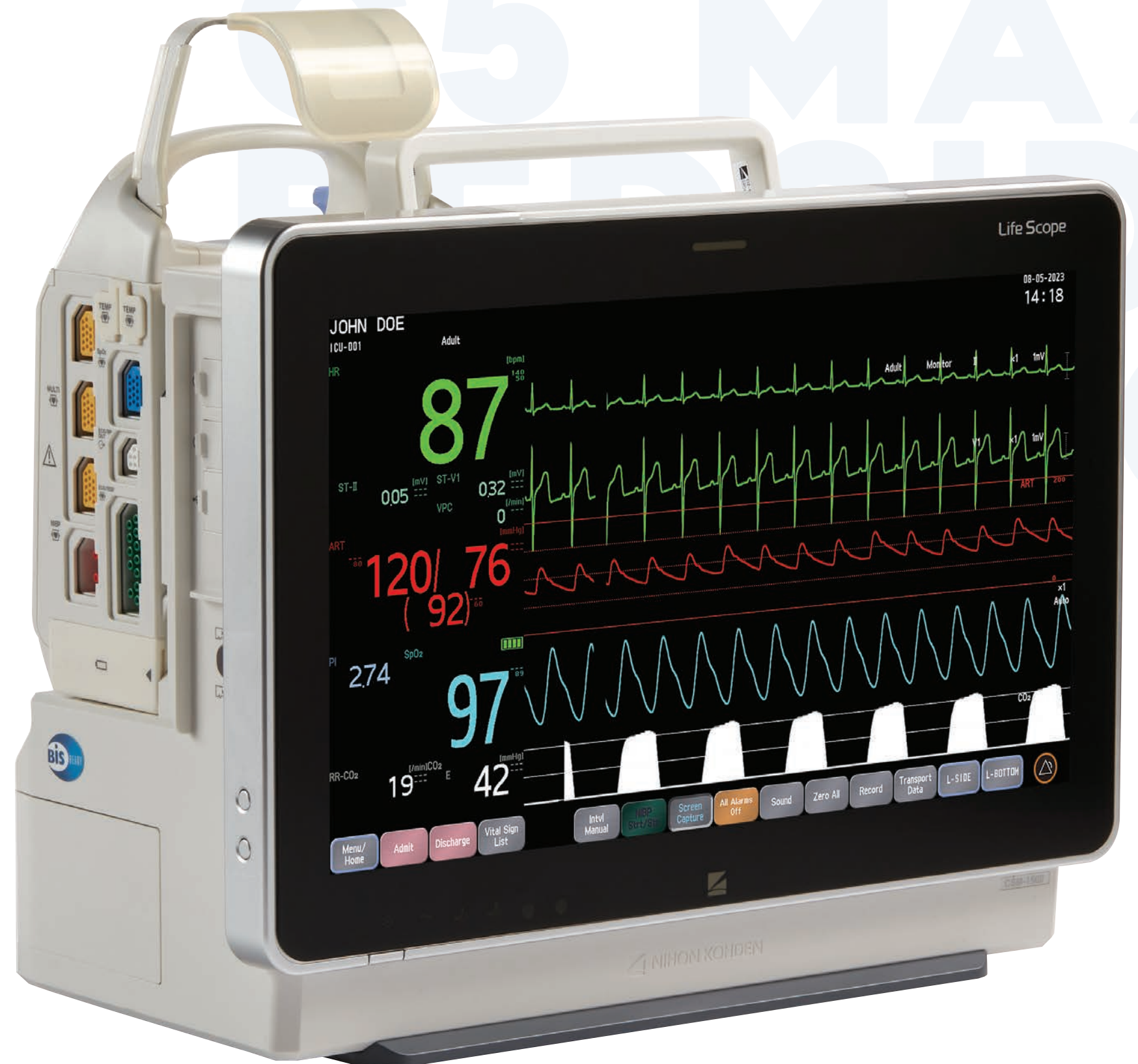
PRODUCT #	ITEM
YS-118P9	G7 Recorder Cable, 0.35 m
YS-118P8	G7 Recorder Cable, 1.5 m
A/XEROX-B610	Network laser printer

For remote display options, please see page 34 "Remote Display Option" for Life Scope G-Series Monitors.

LIFE SCOPE® G5 MAX BEDSIDE MONITOR

The Life Scope G5 Max is the all-in-one solution ideal for mid/high acuity settings. Designed to help caregivers focus on patients instead of managing equipment, the G5 Max features a sleek chassis with an easy-to-clean design, alarm management, Smart Cable™ connectivity and screen builder for optimal workflow. The monitor can be equipped with up to two remote independent displays, and provides comprehensive parameter monitoring with data storage, multi-waveform/multi-parameter full disclosure, arrhythmia and ST segment analysis, drug, hemodynamic and pulmonary calculations, and 12-lead ECGs with full arrhythmia analysis and interpretation.

The Life Scope G5 Max is a 15.6" HD LCD touch screen tempered glass display designed for high to mid-level acuity settings, where clinicians need an all-in-one system with quick access to multiple configurations and trend analysis. BSM-1700 Series transport monitor also functions as an input unit when docked to the Life Scope G5 Max.



LIFE SCOPE G5 MAX SERIES PRODUCT FEATURES

- 15.6" high resolution LCD touchscreen display
- Excellent wide angle visibility
- Durable, tempered glass display for easy cleaning
- Multiple quick-access configurations with trend analysis
- All-in-one system with removable transport monitor
- Standard 110V AC wall or battery operation
- Integrates with third party devices such as ventilators and anesthesia systems
- ECG analysis with advanced atrial fibrillation algorithm, QTc and QRSd (Adult) continuous monitoring



COMPLETE KITS – STANDARD ACCESSORIES INCLUDED

15.6” Touch Screen Display and Transport Monitor

PRODUCT #	ITEM
CSM-1631-T-NKFL/ZA	Life Scope G5 Max (15.6”) Monitor with 3 Multi-connector BSM-1773A, NK SpO ₂
CSM-1632-T-NKFL/ZA	Life Scope G5 Max (15.6”) Monitor with 3 Multi-connector BSM-1753A, Nellcor SpO ₂
CSM-1633-T-NKFL/ZA	Life Scope G5 Max (15.6”) Monitor with 3 Multi-connector BSM-1733A, Masimo SpO ₂

STANDARD ACCESSORIES FOR ALL
LIFE SCOPE G5 MAX SERIES

PRODUCT #	ITEM
CU-152RA	Life Scope G5 Max Main Unit for (CSM-1631-T-NKFL/ZA, CSM-1632-T-NKFL/ZA and CSM-1633-T-NKFL/ZA)
SB-170P	BSM-1700 battery
A/094577	Power Cord
DZ-170P	Bedrail Hook BSM-1700
DZ-150P	Carrying handle for G5/G5 Max
A/MCDOC 140	G5 G7 Quick Reference Guide

LIFE SCOPE G5 MAX SERIES (BEDSIDE MONITOR)

Nihon Kohden Items Provided
with Life Scope G5 Max Series Monitors (NK SpO₂)
(CSM-1631-T-NKFL/ZA)

PRODUCT #	ITEM
BSM-1773A	BSM-1700 transport monitor with Nihon Kohden SpO ₂
JL-900P	NK SpO ₂ Connection Cable
TL-271T3-A24	Disposable SpO ₂ sensors, adult, 24/box

Nellcor Items Provided
with Life Scope G5 Max Series Monitors (Nellcor SpO₂)
(CSM-1632-T-NKFL/ZA)

PRODUCT #	ITEM
BSM-1753A	BSM-1700 transport monitor with Nellcor SpO ₂
JL-650P	Nellcor SpO ₂ Connection Cable

Masimo Items Provided
with Life Scope G5 Max Series Monitors (Masimo SpO₂)
(CSM-1633-T-NKFL/ZA)

PRODUCT #	ITEM
BSM-1733A	BSM-1700 transport monitor with Masimo SpO ₂

OPTIONAL ADD-ONS

Optional Items for Life Scope G5 Max Series Monitors

PRODUCT #	ITEM
A/BARCODE	Barcode Reader
A/4671498	Medical grade 2D Barcode Reader (DS8102-HC)
RY-910PA	Remote Controller
QI-151P	Rear board option (adds two interface ports and one Nurse Call port)
QI-152P	Side option board for G5 Max, CU-152RA only (adds two interface ports, interactive display port and a DVI connector for 2nd remote display, factory install only)
SB-950P-CL	Battery pack Life Scope series G5 (max 2 per monitor)
QI-170PA	Wireless LAN station for BSM-1700 Series Monitor. Enables WLAN Transport on the Life Scope G5 Max and BSM-1700 communication to the central station during transport.

Multi-Port Expansion for Life Scope G5 Max Series Monitors

PRODUCT #	ITEM
AA-174P	Four Multi-Port Expansion (Smart Ports), Mounts to the back of the G5 or on a separate clamp mount, adds four ports to the system. A maximum of two AA-174P can be added, this brings the maximum smart ports up to 11 per monitor.
DH-156P	Mount for AA-174 on back of G5 (one only, cover over rear option board)
DH-150P	Dual AA-174P mount, pole clamp (not included) or bracket

OPTIONAL ADD-ONS (CONTINUED)

Recorder Options for Life Scope G5 Max Series Monitors

PRODUCT #	ITEM
WS-151P	3 Channel Recorder (internal)
A/FQW-50-2-100	Recording Paper, 10 Packs per Box
A/XEROX-B610	Network laser Printer

Life Scope G5 Max Series Monitor Main Unit and Display Mounting Options

PRODUCT #	ITEM
A/0071-16	BSM-6000/G5/G5 Max Mounting Adaptor Plate (Required for wall mounts)
A/WMM-0002-02	Pivoting Support Arm for Life Scope G5, 12"/30.5 cm M Series Pivot Arm with Slide-In Mounting Plate
A/WS-0012-01	Vertical Height Adjustable Arm Kit for Life Scope G5, VHM-PL (Locking) Variable Height Arm with Slide-In Mounting Plate
A/WMM-0006-04	Utility Hook for Cable Management (All Arms)
NK-RS-5100	BSM-6000/G5/G5 Max Roll Stand with Basket and Handle, Includes mounting plate.
A/WC-0002-04	19" Wall Channel for all Arms
A/FLP-0009-04	Remote display (A/E355012 and A/E355203) wall rail mount Life Scope G5 G7

For mounting of the Life Scope G5 Max to an Anesthesia cart such as Dräger Primus or GE Aespire make sure to order the corresponding parts. See the GCX website, call 1-800-228-2555 or contact your local GCX sales representative. These GCX components can be included with the quote after being added to SAP and Commerce. Installation for specialty mounts may not be available from Nihon Kohden and require GCX or other installation service providers.

LIFE SCOPE® G5 BEDSIDE MONITOR

Different areas throughout the hospital have different requirements for patient care. The Life Scope G5 can easily be programmed to different care settings using stored configurations and provides auto screen configuration. Clinicians can customize the monitor for each patient's needs, reduce false alarms, seamlessly transport, see trends and configure standard displays for fast, informed patient management. This is smart technology for high quality patient-centered care.

The Life Scope G5 is a bedside monitor with a 12.1" touch screen display and a transport monitor that offers features to support low- to mid-acuity clinical settings, where clinicians need an all-in-one system with quick access to multiple configurations and trend analysis.



LIFE SCOPE G5 SERIES PRODUCT FEATURES

- 12.1" touchscreen display
- Multiple quick-access configurations with trend analysis
- All-in-one system with removable transport monitor
- Budget-friendly, compact design
- Standard 110 VAC wall or battery operation
- Advanced cardiology parameters such as QTc and A-Fib arrhythmia detection
- Graphical features such as ST-diagram, histogram and quick access trend cabinets



** Life Scope G5 bedside monitor core unit using WLAN Transport mode, shown with BSM-1700 transport monitor*

COMPLETE KITS – STANDARD ACCESSORIES INCLUDED

12.1” Touch Screen Display and Transport Monitor

PRODUCT #	ITEM
CSM-1531-T-NKFL/ZA	Life Scope G5 (12.1”) Monitor with 3 Multi-connector BSM-1773A, NK SpO ₂
CSM-1532-T-NKFL/ZA	Life Scope G5 (12.1”) Monitor with 3 Multi-connector BSM-1753A, Nellcor SpO ₂
CSM-1533-T-NKFL/ZA	Life Scope G5 (12.1”) Monitor with 3 Multi-connector BSM-1733A, Masimo SpO ₂

STANDARD ACCESSORIES FOR ALL
LIFE SCOPE G5 SERIES

PRODUCT #	ITEM
CU-151RA	Life Scope G5 Main Unit for (CSM-1531-T-NKFL/ZA, CSM-1532-T-NKFL/ZA and CSM-1533-T-NKFL/ZA)
SB-170P	BSM-1700 battery
A/094577	Power Cord
DZ-170P	Bedrail Hook BSM-1700
DZ-150P	Carrying handle for G5
A/MCDOC 140	G5 G7 Quick Reference Guide

LIFE SCOPE G5 SERIES (BEDSIDE MONITOR)

Nihon Kohden Items Provided
with Life Scope G5 Series Monitors (NK SpO₂)
(CSM-1531-T-NKFL/ZA)

PRODUCT #	ITEM
BSM-1773A	BSM-1700 transport monitor with Nihon Kohden SpO ₂
JL-900P	NK SpO ₂ Connection Cable
TL-271T3-A24	Disposable SpO ₂ sensors, adult, 24/box

Nellcor Items Provided
with Life Scope G5 Series Monitors (Nellcor SpO₂)
(CSM-1532-T-NKFL/ZA)

PRODUCT #	ITEM
BSM-1753A	BSM-1700 transport monitor with Nellcor SpO ₂
JL-650P	Nellcor SpO ₂ Connection Cable

Masimo Items Provided
with Life Scope G5 Series Monitors (Masimo SpO₂)
(CSM-1533-T-NKFL/ZA)

PRODUCT #	ITEM
BSM-1733A	BSM-1700 transport monitor with Masimo SpO ₂

OPTIONAL ADD-ONS

Optional Items for Life Scope G5 Series Monitors

PRODUCT #	ITEM
A/BARCODE	Barcode Reader
A/4671498	Medical grade 2D Barcode Reader (DS8102-HC)
RY-910PA	Remote Controller
QI-151P	Rear board option (adds two interface ports, Nurse Call)
SB-950P-CL	Battery pack Life Scope series G5 (max 2 per monitor)
QI-170PA	Wireless LAN station for BSM-1700 Series Monitor. Enables WLAN Transport on the Life Scope G5 and BSM-1700 communication to the central station during transport.

Multi-Port Expansion for Life Scope G5 Series Monitors

PRODUCT #	ITEM
AA-174P	Four Multi-Port Expansion (Smart Ports), Mounts to the back of the G5 or on a separate clamp mount, adds four ports to the system. A maximum of two AA-174P can be added, this brings the maximum smart ports up to 11 per monitor.
DH-156P	Mount for AA-174P on back of G5 (one only, cover over rear option board)
DH-150P	Dual AA-174P mount, pole clamp (not included) or bracket

OPTIONAL ADD-ONS (CONTINUED)

Recorder Options for Life Scope G5 Series Monitors

PRODUCT #	ITEM
WS-151P	3 Channel Recorder (internal)
A/FQW-50-2-100	Recording Paper, 10 Packs per Box
A/XEROX-B610	Network laser Printer

Life Scope G5 Series Monitor Main Unit and Display Mounting Options

PRODUCT #	ITEM
A/0071-16	BSM-6000/G5/G5 Max Mounting Adaptor Plate (Required for wall mounts)
A/WMM-0002-02	Pivoting Support Arm for Life Scope G5, 12"/30.5 cm M Series Pivot Arm with Slide-In Mounting Plate
A/WS-0012-01	Vertical Height Adjustable Arm Kit for Life Scope G5, VHM-PL (Locking) Variable Height Arm with Slide-In Mounting Plate
A/WMM-0006-04	Utility Hook for Cable Management (All Arms)
NK-RS-5100	BSM-6000/G5/G5 Max Roll Stand with Basket and Handle, Includes mounting plate.
A/WC-0002-04	19" Wall Channel for all Arms
A/FLP-0009-04	Remote display (A/E355012 and A/E355203) wall rail mount Life Scope G5 G7

For mounting of the Life Scope G5 to an Anesthesia cart such as Dräger Primus or GE Aespire, make sure to order the correct parts. See the GCX website, call 1-800-228-2555 or contact your local GCX sales representative. These GCX components can be included with the quote after being added to SAP and Commerce. Installation for specialty mounts may not be available from Nihon Kohden and require GCX or other installation service providers.

OPTIONAL ADD-ONS FOR G7, G5 MAX AND G5 OR FOR LIFE SCOPE G SERIES

Remote Display Option for Life Scope G-Series Monitors

REQUIRES BRANCH CABLE AND QI-152P FOR INTERACTIVE FUNCTION (NOT AVAILABLE ON G5)

Includes power adapter, DVI to HDMI adapter and Operator's Guide. US power cord (A/094577) and DVI / HDMI cables need to be ordered separately .

PRODUCT #	ITEM
A/E355012	21.5" Medical grade interactive (touch screen) remote display with Nihon Kohden Logo and black bezel and optional alarm light indicator (VESA mount hole pattern)
A/E355203	24" Medical grade interactive (touch screen) remote display with Nihon Kohden Logo and black bezel and optional alarm light indicator (VESA mount hole pattern)

Branch Cable for Remote Display, Interactive Functionality

SELECT ONE FOR EACH REMOTE DISPLAY, REQUIRES QI-152P

PRODUCT #	ITEM
YS-106P7	Branch Cable (DVI, Serial, Sound, Alarm indicator), 0.9M
YS-106P8	Branch Cable (DVI, Serial, Sound, Alarm indicator), 2.8M
YS-106P9	Branch Cable (DVI, Serial, Sound, Alarm indicator), 5M
YS-107P0	Branch Cable (DVI, Serial, Sound, Alarm indicator), 10M
G9-KVM/ZA	Branch cable KVM extension Kit, for G9/G5/G7 2nd display, no alarm light (up to 300 ft) (When using HDMI output from non interactive display two A/HDMI-DVI-GEM-EX, HDMI cables are needed)
YS-106P0	Branch Cable (DVI, Serial, Sound), 2.8M No alarm light

OPTIONAL ADD-ONS (CONTINUED)

Remote Video Cable for Non-Interactive Display (Using rear HDMI Port)

SELECT ONE FOR EACH REMOTE DISPLAY

PRODUCT #	ITEM
A/ADV798	HDMI Cable, for rear board connection, 10M
A/KM-HD20-50HK	HDMI Cable, for rear board connection, 5M
YS-119P1	HDMI Optical Fiber Cable, for rear board connection, 10M
YS-119P2	HDMI Optical Fiber Cable, for rear board connection, 30M
YS-119P3	HDMI Optical Fiber Cable, for rear board connection, 50M

Alarm Light Indicator Option (For Remote Display)

PRODUCT #	ITEM
A/E767701	Alarm Indicator basement for remote display (A/E355012/203). One basement mount included with each remote display.
YL-920P	Alarm light indicator

Remote Display Cable for Customer Provided Displays, Non-Interactive

SELECT ONE FOR EACH REMOTE DISPLAY, OBSERVE CONNECTOR TYPE, REQUIRES QI-152P

PRODUCT #	ITEM
YS-116P1	DVI-D-DVI-D video cable 2.5M, for side option board
YS-116P2	DVI-D-DVI-D video cable 5M, for side option board
A/DH-HTD50BK	DVI-D-HDMI video cable 5M, for side option board
A/2124738	DVI-I-RGB (VGA) cable 10M, for side option board
A/RP6394	DVI-I-DVI-I video cable 10M, for side option board

BSM-6000 SERIES BEDSIDE MONITORS

Premium-as-Standard Design

We believe every patient deserves the highest standard of care. Nihon Kohden's premium-as-standard philosophy is the belief that every monitor should be fully appointed with features—both standard and premium—unlocked and ready to use at a moment's notice. This ensures that our technology can be employed in the broadest range of acuity levels and seamlessly transition between care areas as patient need dictates.

No patient monitoring system can be complete without an integrated transport solution. The unique design of the Data Acquisition Unit (DAU) and BSM-1700 transport unit redefines transport monitoring. It is compact, has memory expansion and moves with the patient. The BSM-1700 easily integrates with the BSM-6000 Series monitors. During transport, simply remove the BSM-1700 and transport the patient without worrying about disconnecting or reconnecting cables. At the conclusion of transporting the patient, simply

connect the BSM-1700 to another host monitor and maintain a seamless patient record throughout the patient stay.

To optimize your investment, all Nihon Kohden bedside monitors include a 5-year parts and labor warranty, software enhancements and upgrades, and 24/7 clinical and technical support, providing unsurpassed quality, reliability and customer support.

Only Nihon Kohden offers complete, integrated multi-modality products that serve patients across all care areas. We bring clinical solutions that provide access to a deeper, more comprehensive level of information.



BSM-6000 SERIES CAPABILITIES

- Comprehensive arrhythmia detection and recall, including advanced Atrial Fibrillation algorithm
- Multi-waveform/multi-parameter full disclosure
- ST segment analysis as well as diagnostic 12 lead ECG capability
- Drug, hemodynamic and pulmonary calculations



COMPLETE KITS – STANDARD ACCESSORIES INCLUDED



10.4” LCD Display Main Units
with BSM-1700 Transport Monitor

PRODUCT #	ITEM
BSM-6331-T-NKFL/ZA	3 Smart-Connectors, BSM-1700, Nihon Kohden SpO ₂ , Nihon Kohden SpO ₂ Patient cable
BSM-6332-T-NKFL/ZA	3 Smart-Connectors, BSM-1700, Nellcor SpO ₂ , Nellcor SpO ₂ Patient cable
BSM-6333-T-NKFL/ZA	3 Smart-Connectors, BSM-1700, Masimo SpO ₂



12.1” LCD Display Main Units
with BSM-1700 Transport Monitor

PRODUCT #	ITEM
BSM-6531-T-NKFL/ZA	3 Smart-Connectors, BSM-1700, Nihon Kohden SpO ₂ , Nihon Kohden SpO ₂ Patient cable
BSM-6532-T-NKFL/ZA	3 Smart-Connectors, BSM-1700, Nellcor SpO ₂ , Nellcor SpO ₂ Patient cable
BSM-6533-T-NKFL/ZA	3 Smart-Connectors, BSM-1700, Masimo SpO ₂



15” LCD Display Main Units
with BSM-1700 Transport Monitor

PRODUCT #	ITEM
BSM-6731-T-NKFL/ZA	3 Smart-Connectors, BSM-1700, Nihon Kohden SpO ₂ , Nihon Kohden SpO ₂ Patient cable
BSM-6732-T-NKFL/ZA	3 Smart-Connectors, BSM-1700, Nellcor SpO ₂ , Nellcor SpO ₂ Patient cable
BSM-6733-T-NKFL/ZA	3 Smart-Connectors, BSM-1700, Masimo SpO ₂
BSM6771-DT-NKFL/ZA	7 Smart-Connectors, BSM-1700, Nihon Kohden SpO ₂ , DAU, Nihon Kohden SpO ₂ Patient cable
BSM6772-DT-NKFL/ZA	7 Smart-Connectors, BSM-1700, Nellcor SpO ₂ , DAU, Nellcor SpO ₂ Patient cable
BSM6773-DT-NKFL/ZA	7 Smart-Connectors, BSM-1700, Masimo SpO ₂ , DAU

STANDARD ACCESSORIES

Standard Accessories for BSM-6000 Series

PRODUCT #	ITEM
A/094577	Power Cord
	Operator's Manual
A/90192-A	Quick Reference Guide

OPTIONAL ADD-ONS

Optional Accessories for BSM-63xx-S

PRODUCT #	ITEM
QI-631P	External I/F Board, Second Video Output and RS-232C Output
QI-632P	External I/F Board, 1 External device interface, 1 USB, and Alarm Output
QI-634P	External I/F Board, 3 External device interfaces, 1 USB

Note: A monitor can use one QI-631P and one QI-632P, or only one QI-634P. A QI-632P cannot be used with a QI-634P in one monitor.

Optional Accessories for BSM-65xx-S and 67xx-s

PRODUCT #	ITEM
QI-671P	External I/F Board, Second Video Output, 1 External Device, RS-232C Output and Alarm Output
QI-672P	External I/F Board, 4 External Device Interfaces and 2 USB

Note: A monitor can use one QI-671P and one QI-672P only.

Optional Accessories for BSM-6000 Series Monitor

PRODUCT #	ITEM
A/0053-01	Handle for AY-600 Series Input Units
A/BARCODE	Barcode Scanner, USB <ul style="list-style-type: none">Requires QI-632P or QI-634P for BSM-63xx or QI- 672P for BSM-65xx/67xx Monitors
A/4671498	2D Barcode Scanner <ul style="list-style-type: none">USB connection Handheld scanner, designed for the healthcare environment
RY-910PA	Remote Controller
WS-671P	BSM-6000 Three Channel Recorder
A/FQW-50-2-100	Recording Paper (Box of 10)
SB-671P	Battery for BSM-6000 (can use 2 per monitor)
YS-096P6	Locking assembly to prevent removal of input unit
YS-096P5	Multilink Cable to activate DAU IF Ports (requires Ext IF board)

Communications Options for BSM-6000 Series Monitor

PRODUCT #	ITEM
QI-320PA-6	Wireless LAN Installation Package, 802.11A/B/G <ul style="list-style-type: none">Billed as an installation charge with no discounting applicableRequires an installation charge for an area to be covered by wireless system

BSM-6000 Mounting Options

PRODUCT #	ITEM
A/0071-16	BSM-5100/6000 Mounting Adaptor Plate (Required for wall mounts)
A/WMM-0002-02	Pivoting Support Arm
A/WS-0012-01	ARM, Vertical Height VHM-PL BSM-3500 BSM-6000
A/WC-0002-04	Wall Channel for all Arms
A/WMM-0006-04	Utility Hook for Cable Management (All Arms)
NK-RS-5100	BSM-5100/6000 Roll Stand with Basket and Handle
A/0049-80	Bed Rail Hook/Handle for BSM-6300 Monitors

DAU Mounting Options

PRODUCT #	ITEM
A/0050-01	Pole Clamp for Data Acquisition Unit
A/WMM-0006-01	6” pole for use with height adjustable and fixed arms <ul style="list-style-type: none">Requires A/0050-01 Pole Clamp
NK-DAU-WALL-MNT	Wall Mount for Data Acquisition Unit <ul style="list-style-type: none">Includes 12” Pivot Arm, 8” Up Post and 7” wall channelRequires an NK-0050-01 Pole Clamp

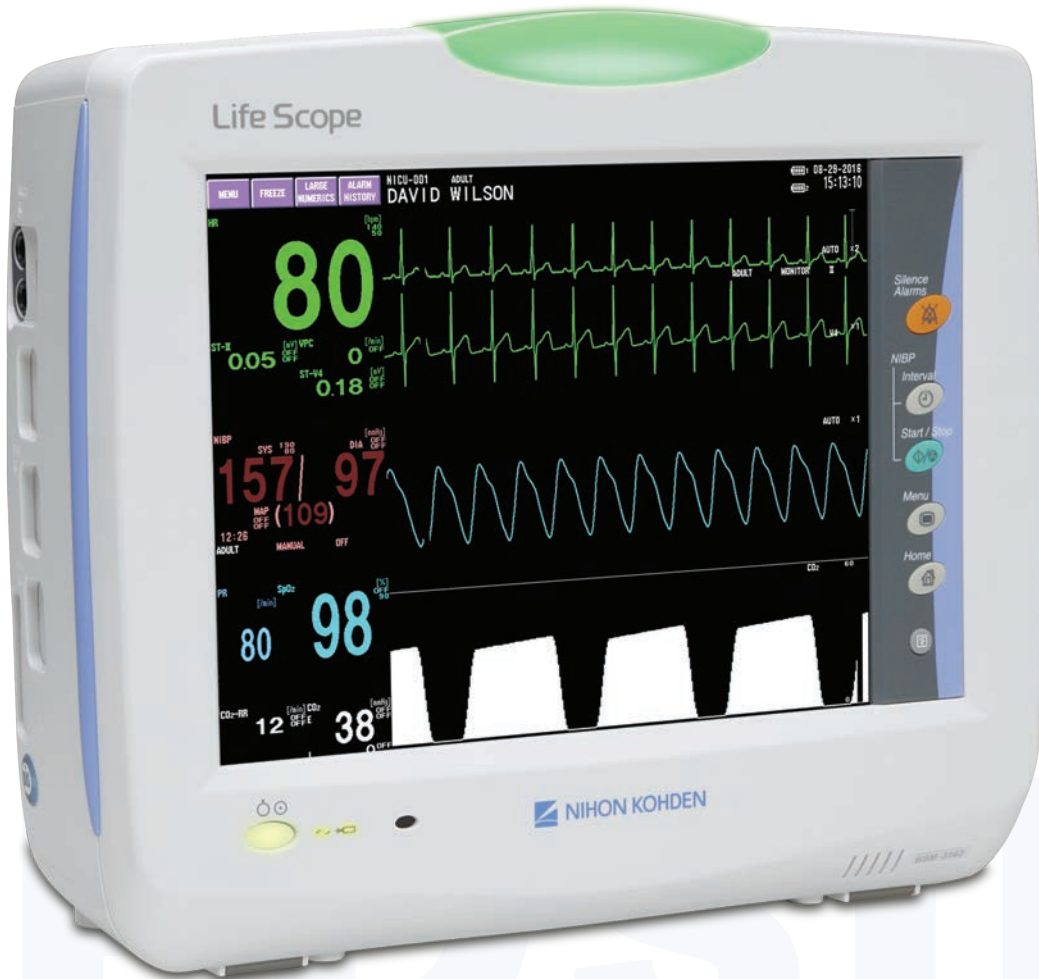
BSM-6000 Series Specialty cables

PRODUCT #	ITEM
A/511680	RS-232 Export Cable, 6 ft DB9 F/F Null Modem
A/10D1-20206	Cable, 6 ft DB9 M/F, Modem/Serial BSM

BSM-3500 SERIES BEDSIDE MONITORS

The BSM-3500 offers unrivaled technology that works across the healthcare continuum, allowing providers to deliver care without compromise.

For the ambulatory and specialty surgery centers to critical access and low acuity units, the BSM-3500 offers high-quality yet affordable monitoring, tailored specifically to the care delivered – ensuring that you are able to provide the highest quality of care for any procedure or treatment without compromise.



FEATURES

- BSM-3500 premium-as-standard* design allows providers to deliver care without compromise
- Compact configured monitor with intuitive touchscreen user interface
- ECG, Respiration, SpO₂, IBP, iNiBP, dual temperature and plug-in 3 channel recorder capability
- Comprehensive arrhythmia detection and recall with ST segment analysis and diagnostic 12 lead ECG
- Multi-waveform/multi-parameter full disclosure
- BSM-3500 uses Nihon Kohden’s unique Smart Cable technology for complete modular flexibility
- cap-ONE® mainstream CO₂ sensor kit for non-intubated and intubated patients
- Central station, external device interface and EMR compatibility

COMPLETE KIT – STANDARD ACCESSORIES INCLUDED

12.4” LCD Display Configured Patient Monitor

PRODUCT #	ITEM
BSM-3572-NKFL/ZA	2 Smart-Connectors with Nihon Kohden SpO ₂ , Nihon Kohden SpO ₂ Patient cable
BSM-3572QI-NKFL/ZA	2 Smart-Connectors with Nihon Kohden SpO ₂ , VGA, and 2 I/F ports, Nihon Kohden SpO ₂ Patient cable
BSM-3552-NKFL/ZA	2 Smart-Connectors with Nellcor SpO ₂ , Nellcor SpO ₂ Patient cable
BSM-3552QI-NKFL/ZA	2 Smart-Connectors with Nellcor SpO ₂ , VGA, and 2 I/F ports, Nellcor SpO ₂ Patient cable
BSM-3532-NKFL/ZA	2 Smart-Connectors with Masimo SpO ₂
BSM-3532QI-NKFL/ZA	2 Smart-Connectors with Masimo SpO ₂ , VGA, and 2 I/F ports
BSM-3572Q2-NKFL/ZA	BSM-3572 12”, 2MP, Nihon Kohden SpO ₂ , 2IF/RS232/NC, Nihon Kohden SpO ₂ Patient cable
BSM-3552Q2-NKFL/ZA	BSM-3552 12”, 2MP, Nellcor SpO ₂ , 2IF/RS232/NC, Nellcor SpO ₂ Patient cable
BSM-3532Q2-NKFL/ZA	BSM-3532 12”, 2MP, Masimo SpO ₂ , 2IF/RS232/NC

* iNiBP not included as standard, but is optional

ACCESSORIES

Standard Accessories for BSM-3500 Series

PRODUCT #	ITEM
A/094577	Power Cord Operator’s Manual, CD

Optional Accessories for BSM-3500

PRODUCT #	ITEM
RY-910PA	Remote Controller
WS-371P	BSM-3500 Three Channel Recorder
A/FQW-50-2-100	Recording Paper (Box of 10)
SB-671P	Battery for BSM-3000 (can use 1 per monitor)
#QP-038P	iNIBP option for BSM-3500 series monitor

OPTIONAL ADD-ONS

Wireless Communications Options

PRODUCT #	ITEM
QI-320PA-6	Wireless LAN Installation Package, 802.11A/B/G <ul style="list-style-type: none">• Billed as an installation charge with no discounting applicable• Requires an installation charge for the area to be covered by the wireless system.• Note: requires special approval

BSM-3500 Mounting Options

PRODUCT #	ITEM
A/0051-16	BSM-3500 Mounting Adaptor Plate (Required for wall mounts)
A/WMM-0002-02	Pivoting Support Arm
A/WS-0004-20	Vertical Height Adjustable Arm
A/WC-0002-04	Wall Channel for all Arms
A/WMM-0006-04	Utility Hook for Cable Management (All Arms)
RS-3500/ZA	BSM-3500 Roll Stand, Mount Plate with Basket and Handle

BSM-1700 SERIES TRANSPORT MONITORS

During transport, it is important to maintain the same high standard of monitoring as when the patient is at their bedside. With the BSM-1700 series transport monitor, you will not have to replace cables or limit patient care. Nihon Kohden's model BSM-1700 can be used as both stand alone transport device or as a part of an enterprise system.

When connected to a Nihon Kohden bedside monitor, the BSM-1700 acts as both an input device and as a transport monitor. When you are ready to transport your patient simply disconnect the BSM-1700 from the host bedside monitor and your patient can be transported with full monitoring capabilities. When the patient arrives at their new care setting and the BSM-1700 is reconnected to a host monitor, patient information, including full disclosure, arrhythmia recall files, tabular and graphics trends and ST data is automatically uploaded to our enterprise monitoring system creating one seamless patient record.



FEATURES

- Functions as a compact transport monitor, stand-alone monitor, or as an Input Unit for the BSM-6000 or Life Scope G5, G5 Max, and G7 series transport monitors
- Allows seamless transfer of data between transport monitors and central stations
- 5-hour battery life
- Lightweight at only 3.4 lbs.
- High-resolution touch screen display
- Comprehensive data storage
 - 72 hours full disclosure waveforms locally on monitor
 - 120 hours full disclosure review on central station (when networked)
 - Tabular & graphical trends
 - Arrhythmia recall files
 - ST recall files

COMPLETE KITS – STANDARD ACCESSORIES INCLUDED

BSM-1700 Transport Monitor

PRODUCT #	ITEM
BSM-1773-NKFL/ZA	BSM-1700 Transport Monitor with 3 MP Nihon Kohden SpO ₂ , Nihon Kohden SpO ₂ Patient cable
BSM-1753-NKFL/ZA	BSM-1700 Transport Monitor with 3 MP Nellcor SpO ₂ , Nellcor SpO ₂ Patient cable
BSM-1733-NKFL/ZA	BSM-1700 Transport Monitor with 3 MP Masimo SpO ₂

ACCESSORIES

Standard Accessories for BSM-1700 series

PRODUCT #	ITEM
SB-170P	Battery
	Operator's Manual
A/90192-A	Quick reference guide

Optional Accessories for BSM-1700 Monitors

PRODUCT #	ITEM
SC-170R/ZA	BSM-1700 Docking Station for AC power and Networking for network laser printer and interbed communications
RY-910PA	Remote Controller
SB-170P	Replacement Battery (one is included with BSM-1700)

OPTIONAL ADD-ONS

Wireless Communications Options

PRODUCT #	ITEM
QI-170PA	Wireless LAN Station Kit for BSM-1700, 802.11A/B/G <ul style="list-style-type: none">• Requires BSM-1700 v01.15 or later• Installation charge for area to be covered by wireless system #INSTALL-WLAN

BSM-1700 Mounting Options

PRODUCT #	ITEM
DZ-170P	Bed Rail Hook for BSM-1700
DH-170P-S	Mounting Plate and Clamp to put BSM-1700 on IV Pole (only for BSM-1700 not SC-170R, no power or network)
A/0056-16	Wall Mount Adaptor Plate for SC-170R (required to put monitor on arm)
SC-170R-KIT/ZA	Mounting Plate and Clamp to put a BSM-1700 and an SC-170R on IV Pole <ul style="list-style-type: none">• Includes: wall mount adaptor (A/0056-16), pole clamp and mounting plate

External Device Options

PRODUCT #	ITEM
YJ-910P	ECG/BP Smart Output Cable, 5 m, End is Unterminated
YJ-920P	ECG/BP Smart Output Cable, 0.3 m, Dual ¼” Jacks (ECG/BP Output Cables connect directly to the Input Unit)



VITAL SIGNS PATIENT MONITORS

LIFE SCOPE SVM-7200 SERIES

The Life Scope® SVM-7200 vital signs monitor provides reliable and fast measurements of inflation based non-invasive blood pressure (iNiBP), pulse rate, blood oxygen level and temperature using Cardinal FILAC-3000 or Exergen forehead scanning technology. The customer can choose between model equipped with Nihon Kohden, Nellcor or Masimo SpO₂ technology.

The monitor has an 8-inch color, high-resolution touch screen display with intuitive user interface, icons, fixed keys and customizable function keys. A bar code reader for ADT data and seamless send-to-EMR features help to contribute to workflow efficiency.

The Life Scope SVM-7200's standard lithium ion battery provides cord-less operation for up to 6 hours. Patient data from charting after a round is easily uploaded to the EMR via HL7 using a wireless connection. All models come standard with wireless functionality. A strip recorder is available for all configuration as an option if requested.



FEATURES

VERSATILE

- Provides an option for customizable early warning scoring
- Converts easily to continuous vital signs monitoring mode
- Allows for tailored product configuration

EFFICIENT

- Features a seamless two-touch, wireless send-to-EMR function
- Offers a streamlined barcode-reading functionality
- Increases the speed and comfort of non-invasive blood pressure measurement with iNiBP
- Allows for vital signs monitoring of multiple patients and easy movement from room to room

INTUITIVE

- Designed for ease of use, with a high resolution display and quick-access keys
- Navigate quickly using the touch screen
- On-screen animated tutorials for user assistance



OPTION OF:
Exergen Temporal
Scanner



OPTION OF:
Covidien Filac™ 3000
Electronic Thermometer

LIFE SCOPE SVM-7200 VITAL SIGNS MONITORS

Temperature Monitor Kit

PRODUCT #	ITEM
SVM-7260A-T1RW/ZA	Vital signs monitor with recorder, Nihon Kohden SpO ₂ and Exergen forehead scanner temperature monitor kit
SVM-7260A-T3RW/ZA	Vital Signs Monitor with recorder, Nihon Kohden SpO ₂ and Covidien FILAC-3000 (Oral) temperature monitor kit
SVM-7250A-T1W/ZA	Vital signs monitor, Nellcor SpO ₂ and Exergen forehead scanner temperature monitor kit
SVM-7250A-T1RW/ZA	Vital signs monitor, recorder, Nellcor SpO ₂ and Exergen forehead scanner temperature monitor kit
SVM-7250A-T3W/ZA	Vital Signs Monitor, Nellcor SpO ₂ and Covidien FILAC-3000 (Oral) temperature monitor kit
SVM-7250A-T3RW/ZA	Vital Signs Monitor with recorder, Nellcor SpO ₂ and Covidien FILAC-3000 (Oral) temperature monitor Kit
SVM-7230A-T1W/ZA	Vital signs monitor, Masimo SpO ₂ , Exergen forehead scanner temperature monitor kit
SVM-7230A-T1RW/ZA	Vital signs monitor, recorder, Masimo SpO ₂ , Exergen forehead scanner temperature monitor kit
SVM-7230A-T3W/ZA	Vital Signs Monitor, Masimo SpO ₂ and Covidien FILAC-3000 (Oral) temperature monitor kit
SVM-7230A-T3RW/ZA	Vital Signs Monitor with recorder, Masimo SpO ₂ and Covidien FILAC-3000 (Oral) temperature monitor kit

For additional accessories, see: MKT-00339 [A]: Patient Monitoring Supplies and Accessories Catalog

STANDARD ACCESSORIES INCLUDED WITH ALL
LIFE SCOPE SVM-7200 SERIES MONITOR MODELS

Life Scope SVM-7200

The Life Scope SVM-7200 monitor with Exergen temperature option (SVM-72x0A-T1xW) comes equipped with temporal temperature scanner and enclosure. The models with Covidien FILAC-3000 (SVM-72x0A-T3xW) comes equipped with oral temperature probe and enclosure. Optional enclosures and consumables are listed below in the temperature section.

PRODUCT #	ITEM
YN-901P	NIBP cuff hose, adult
YP-713T	Adult NIBP cuff
SB-720P	Battery
A/094577	Power cord
	Operator's manual, service manual CD, MEWS program for Windows®

Note: SpO₂ technology cannot be upgraded or converted once the Life Scope SVM-7200 unit is delivered and installed.

ACCESSORIES

Optional Accessories for Life Scope SVM-7200

PRODUCT #	ITEM
A/BARCODE	Barcode reader
A/MOUSE-USB	PS2 mouse
A/4671498	Barcode 2D Med Grade Scanner, Zebra DS-8108
658111A	PS2 keyboard
SB-720P	Battery SVM-7200 Series (one included with monitor kit)
A/FQW-50-2-100	Recorder paper, Life Scope BSM-6000, 10 pads / box

Nihon Kohden Accessories Provided with
Life Scope SVM-7260 Models (Nihon Kohden SpO₂)

PRODUCT #	ITEM
JL-900P	Nihon Kohden SpO ₂ patient connection cable
TL-201T	Nihon Kohden SpO ₂ finger probe, reusable
A/FQW-50-2-100	Recorder paper and recorder cleaner pen (starter kit only for models equipped with recorder)

Nellcor Accessories Provided with
Life Scope SVM-7250 Models (Nellcor SpO₂)

PRODUCT #	ITEM
JL-650P	Nellcor SpO ₂ patient connection cable
A/FQW-50-2-100	Recorder paper and recorder cleaner pen (starter kit only for models equipped with recorder)

Masimo Accessories Provided with
Life Scope SVM-7230 Models (Masimo SpO₂)

PRODUCT #	ITEM
JL-631P	Masimo LNCS SpO ₂ patient connection cable, 10 feet
A/FQW-50-2-100	Recorder paper and recorder cleaner pen (starter kit only for models equipped with recorder)

Life Scope SVM-7200
Mounting & Roll Stand

PRODUCT #	ITEM
RS-7200/ZA	Premium SVM-7200 roll stand w/plate, accessory bin and cable management bracket (<i>alternative: A/RS-0025-02, A/0056-16 ordered separately</i>)
A/EC-22121-NK	Basic SVM roll stand w/plate, accessory bin, barcode holder and cable mount
A/0056-16	Monitor adapter plate for wall mounting (required for VHM and pivot arm)
A/WS-0012-01	Mounting Arm, VHM PL, Life Scope BSM-3500 / BSM-6000
A/WMM-0002-02	Arm, pivot support Life Scope BSM-4/5/6000

TEMPERATURE ACCESSORIES

Life Scope SVM-7200
Exergen Temperature Accessories*

PRODUCT #	ITEM
A/129462	Exergen Disposable Sheaths, 250 BX Vital Signs
A/134203	Exergen Disposable Caps, 1000 BX Vital Signs

* Temperature technology cannot be upgraded or converted once the SVM-7200 unit is delivered and installed.

Life Scope SVM-7200
FILAC-3000 Temperature Accessories*

PRODUCT #	ITEM
A/500037	CARDINAL FILAC Probe, RECTAL 9ft Vital Signs
A/500036	CARDINAL FILAC Probe, RECTAL 4ft Vital Sig
A/500099	CARDINAL FILAC CAL PLUG, Vital Signs
A/500027	CARDINAL FILAC Probe, ORAL 9ft Vital Signs (one included with Cardinal temperature monitoring kit)
A/500026	CARDINAL FILAC Probe, ORAL 4ft Vital Signs
A/502000	CARDINAL FILAC Probe Cover Vital Signs
YS-120P8	CARDINAL FILAC ENCL RECTAL Vital Signs

* Temperature technology cannot be upgraded or converted once the SVM-7200 unit is delivered and installed.

BEDSIDE MONITOR ACCESSORIES

Relentless Pursuit of Excellence

A leader in precision medical products and services, Nihon Kohden’s premium-as-standard philosophy allows providers to deliver care without compromise. Smart Cable™, cap-ONE®, and iNIBP® deliver unrivaled technology across the healthcare continuum. Each product in our portfolio also provides comprehensive and integrated capabilities, so that providers can meet their patients’ needs with the right care at the right time. The following supplies and accessories have been optimized to work with Nihon Kohden equipment.



ECG Accessories

PRODUCT #	ITEM
JC-906PA	ECG Patient trunk cable, 10 ft
BR-903PA	3-Lead Block, Clip Type
BR-913PA	3-Lead Block, Snap Type
BR-906PA	6-Lead Block, Clip Type
BR-916PA	6-Lead Block, Snap Type
BJ-900PA	12-Lead (10 Electrode) Patient Cable
A/ECG-N-ADVT	Neonatal 3 Lead ECG Cable, Requires Individual ECG Leads

Nihon Kohden SpO₂ Accessories

Only available for monitors equipped with Nihon Kohden SpO₂ technology.

PRODUCT #	ITEM
JL-900P	Nihon Kohden SpO ₂ Connection Cable
TL-271T3	Disposable Adult Nihon Kohden SpO ₂ Probe (Box of 24)
TL-272T3	Disposable Pediatric Nihon Kohden SpO ₂ Probe (Box of 24)
TL-273T3	Disposable Neonate/Adult Nihon Kohden SpO ₂ Probe (Box of 24)
TL-274T3	Disposable Infant Nihon Kohden SpO ₂ Probe (Box of 24)
TL-201T	Reusable SpO ₂ Finger Probe
TL-220T	Reusable SpO ₂ Adult/Pediatric Multi-site Probe, 3 kg or more
A/SPO2-ADVT	Reusable Nihon Kohden SpO ₂ SoftTip Finger Probe
JL-500P1	Smart Cable Dual Nihon Kohden SpO ₂ (not available for BSM-3500)

For additional sensors, see the Patient Monitoring Supplies & Accessories catalog (MMLB 193).

Masimo SpO₂ Accessories

Only available for monitors equipped with Masimo SpO₂ technology.

PRODUCT #	ITEM
JL-631P	Masimo LNCS SpO ₂ Connection Cable, 10 ft
JL-632P	Masimo RD SpO ₂ Connection Cable, 10 ft
JL-639P	Dual Masimo SpO ₂ Smart Cable for BSM-6000 Series/Life Scope G7 (not available for BSM-3500)
A/1897	Masimo Disposable SpO ₂ Probes (Set of 3) • Note: If a reusable probe is needed, order probe directly from Masimo.
A/4201	Masimo Disposable RD SpO ₂ Probes (Set of 3)

Note: If a reusable probe is needed, order probe directly from Masimo.

Nellcor SpO₂ Accessories

Only available for monitors equipped with Nellcor SpO₂ technology.

PRODUCT #	ITEM
JL-650P	Nellcor SpO ₂ Connection Cable, one included with each monitor
A/MAXPAC	Nellcor Disposable SpO ₂ Probes (Set of 3) • Note: If a reusable probe is needed, order a DS-100A reusable probe directly from Nellcor.

Note: Disposable and non-disposable probes are available for purchase from the vendor.

Point of Care EEG Pod and Accessories

EEG Pod not available for BSM 3500 and BSM-1700

PRODUCT #	ITEM
AE-918P	EEG Pod, Patient Monitoring <ul style="list-style-type: none">• Provides continuous monitoring for up to eight channels of EEG• Connects via the Multi-link socket and is intended to monitor brain function• Amplifies, digitizes and analyzes the patient data, displaying the EEG waveform and analysis on the patient monitor• Includes plate adaptor, holder guide, screws and 14-in cable
AE-918P-N/ZA	EEG Pod Accessory Kit, Neonate, 2ch <ul style="list-style-type: none">• Includes JE-905P, BE-910P, A/ELEFIX-SAMPLE, A/SKINPURE-SAMPLE, A/106, A/505, A/POUCH-JE922, A/AEEGRuler-T, A/AEEGRULER-S and A/QRG-AEEG
A/0055-62	DAU BOTTOM PLATE MOUNT FOR AE-918 EEG POD, Optional mounting for DAU configurations (G7)
A/0059-01	DOWN POLE CLAMP FOR AE-918 EEG MODULE, Optional mounting for down pole configurations (BSM-6000)
BM-918B	EXTENSION CABLE AE-918P extension cable for BSM-6000
AE-918P-MD/ZA	EEG Pod Accessory Kit, Adult Medium, 10ch <ul style="list-style-type: none">• Includes JE-906P, NE-114A, A/ELEFIX-SAMPLE, A/SKINPURE-SAMPLE, A/108, A/505 and A/POUCH-JE922
AE-918P-LG/ZA	EEG Pod Accessory Kit, Adult Large, 10ch <ul style="list-style-type: none">• Includes JE-906P, NE-114A, A/ELEFIX-SAMPLE, A/SKINPURE-SAMPLE, A/108, A/505 and A/POUCH-JE922

Smart Cable NMT Pod

Neuromuscular Transmission /Train of four Pod, monitors muscular response to neuromuscular blocking agents

PRODUCT #	ITEM
AF-201PA/ZA	Smart Cable NMT Pod Kit
NM-345Y	Box of 10 Single Use Electrodes (one included with the Pod kit)
JW-201P	Patient Cable (one included with the Pod kit)
DH-101P	Pod Holder (one included with the Pod kit)

BIS Monitoring Accessories

PRODUCT #	ITEM
NK-ASPECT-BISX	BIS processor and Smart Modular connection cable.

Note: Additional disposable and non-disposable probes are available for purchase from the vendor.

Oridion® Microstream™ Pod Monitoring Accessories

Oridion Microstream Pod Monitoring not available for BSM 1700

PRODUCT #	ITEM
RS03000/ZA	<p>Oridion MicroStream etCO₂ Pod Kit</p> <p>The MicroStream Pod is based on the side-stream method, where a sample of exhaled breath is aspirated from the breathing circuit to a sensor residing inside the “Pod.” etCO₂ measurements are displayed on a connected G5, G5 Max, and G7 BSM-6000 or BSM-3500 monitor.</p> <p>(Requires BSM-3500 and BSM-6000 to be equipped with an interface board.)</p> <ul style="list-style-type: none">• Includes Pod, interface cable clamp mount and sample pack• The Pod is not compatible with BSM-1700 series monitors• Additional sample lines can be purchased from Medtronic at 800-962-9888• Alternatively, the customer can also contact the local Medtronic sales manager

NIBP Accessories

PRODUCT #	ITEM
YN-925P	NIBP Neonatal, Snap Connector, 3.5 m
YN-900P	NIBP Air Hose 1.5 m
YN-901P	NIBP Air Hose 3.5 m
YN-990P	Extension Air Hose 1.5 m

NIBP Accessories (Continued)

PRODUCT #	ITEM
YP-710T	Reusable NIBP Cuff Infant for 8 – 13 cm limb
YP-711T	Reusable NIBP Cuff Small Child for 13 – 18 cm limb
YP-712T	Reusable NIBP Cuff Child for 18 – 23 cm limb
YP-713T	Reusable NIBP Cuff Adult for 23 – 33 cm limb
YP-714T	Reusable NIBP Cuff Large Adult for 33 – to 45 cm limb
YP-715T	Reusable NIBP Cuff Thigh for 45 – 55 cm limb Disposable NIBP cuff SKUs: YP-8xx and new neonatal snap connector cuffs
#QP-038P	iNIBP option for BSM-3500 series monitor

For additional cuffs, see the Patient Monitoring Supplies & Accessories catalog (MMLB 193).

Invasive Pressure Accessories

PRODUCT #	ITEM
JP-900P	IBP Smart Connection Cable, 10 ft, for P-23XL1, P-10EZ1 and Becton Dickinson (Ohmeda®) Disposable Transducers
JP-910P	IBP Smart Connection Cable, 1 ft, with Nihon Kohden Connector (Same Connector as AP-800PA Module)
JP-920P	IBP Smart Connection Cable, 10 ft, for Edwards Lifesciences Transducers

Use connection cables for invasive lines if JP-910P is purchased. A JP-910P requires the extension cable from a transducer vendor such as: Edwards Lifesciences, Ohmeda (GE Medical), ICU Medical (Smith Medical and Medex™), Argon®, Arrow™, Bio Sensors International, Hospira and many others. Hospitals are responsible for contacting and obtaining the cable prior to going live.

Cardiac Output Accessories

PRODUCT #	ITEM
JT-950P	Cardiac Output Smart Cable <ul style="list-style-type: none">• Contact Becton Dickinson for inline sensors and ice bath probes at 888.237.2762

CO₂ Accessories

PRODUCT #	ITEM
TG-920P	^{cap} -ONE®, CO ₂ Smart Cable for Non-Intubated and Intubated mainstream applications. <ul style="list-style-type: none">• Measurement is taken directly at the location of expired CO₂
YG-111T	^{cap} -ONE® TG-920P CO ₂ Intubated Airway Adaptor (Box of 30)
YG-122T	^{cap} -ONE® TG-920P CO ₂ Non-Intubated with O ₂ Adaptor (Box of 30)
TG-980P	^{cap} -ONE®, CO ₂ Smart Cable for Non-Intubated and Intubated mainstream applications. <ul style="list-style-type: none">• Measurement is taken directly at the location of expired CO₂
YG-211T	CO ₂ Intubated Adult Airway Adaptor, for TG-970P/TG-980P (Box of 30) <ul style="list-style-type: none">• For pediatric and adult patients over 7 kg
YG-213T	CO ₂ Intubated Neonatal Airway Adaptor W/I-C, TG-970P/TG-980P (Box of 30) <ul style="list-style-type: none">• For neonatal patients below 7 kg• Includes inner connector to reduce dead space• Cannot be used with breathing circuit connectors that have an inner connector
YG-214T	CO ₂ Intubated Neonatal Airway Adaptor WO/I- C, TG-970P/TG-980P (Box of 30) <ul style="list-style-type: none">• For neonatal patients below 7 kg• Does not include an inner connector to reduce dead space• Must be used with breathing circuit connectors that have an inner connector
YG-232T	Pediatric etCO ₂ Mask for TG-970P/TG-980P (Box of 10)
YG-242T	Infant etCO ₂ Mask for TG-970P/TG-980P (Box of 10)
YG-272T	Adult etCO ₂ Mask for TG-970P/TG-980P (Box of 10)
YG-282T	Adult Large etCO ₂ Mask for TG-970P/TG-980P (Box of 10)
YG-227T	BiteBlock, Adult ^{cap} -ONE (Box of 20)
YG-220T	Adult ^{cap} -ONE Nasal Adapter, TG-980P with strap (Box of 30)
YG-221T	Adult ^{cap} -ONE Nasal Adapter, TG-980P O ₂ with strap (Box of 30)
YG-230T	Pediatric ^{cap} -ONE Nasal Adapter, TG-980P with strap (Box of 30)
YG-231T	Pediatric ^{cap} -ONE Nasal Adapter, TG-980P O ₂ with strap (Box of 30)

Temperature Accessories

PRODUCT #	ITEM
A/11-CA-400-12	Temperature Adaptor Cable, ¼” diameter <ul style="list-style-type: none">• Connects a YSI-400 series temperature probe to a Nihon Kohden bedside monitor
A/10-1550-040	Esophageal Stethoscope Temperature Probe, 18FR <ul style="list-style-type: none">• YSI-400 series compatible• Box of 40
A/10-1610-040C	General Purpose Temperature Probe, 9FR <ul style="list-style-type: none">• For nasopharyngeal, esophageal, auxiliary, or rectal temperature measurement• YSI-400 series compatible• Box of 40
A/10-1600-030	Skin Temperature Sensor, 1” diameter <ul style="list-style-type: none">• For neonatal, pediatric, and adult patients• Rapid response YSI-400 series compatible• Box of 30
JT-900P	Dual Temperature Smart Cable <ul style="list-style-type: none">• YSI-400 Series compatible• Note: Two temperature connectors are built in. Order only if 3 or 4 connectors are required.

Note: Additional disposable and non-disposable probes are available for purchase from the vendor.

External Device Options

PRODUCT #	ITEM
QF-901P	Device Interface for Dräger Evita® 2, Evita 2 Dura, Evita 4, Evita XL, and Savina® ventilators
QF-902P	Device Interface for (Medtronic) Aspect BIS™ A-2000, Vista or View monitors
QF-904P	Device Interface for Nihon Kohden AG-920RA Multi-Gas Module
QF-907P	Device Interface for Nellcor Puritan Bennett™ 740, 760 and 840 Ventilators
QF-908P	Device Interface for Maquet SERVO-i® and SERVO-s® Ventilators
QF-911P	Device Interface for PULSION Medical Systems SE PiCCO™ technology monitors, PiCCO plus®/PiCCO2®
IF-912P	Device Interface to display an external analog waveform
IF-913P	Device Interface for Radiometer Transcutaneous monitors, MicroGas 7650
IF-914P	Device Interface for Radiometer Transcutaneous monitors, TCM4/TCM40
IF-916P	Device Interface for Newport Medical Ventilator, e360/e500
IF-917P	Device Interface for Hamilton Medical Ventilators, <ul style="list-style-type: none">• Models Galileo, Raphael, G5, and C2
IF-919P	Device Interface for Covidien®-Nellcor OxiMax™ N-600x™ Pulse Oximeter <ul style="list-style-type: none">• Allows for dual SpO2 monitoring
IF-920P	Device Interface for Dräger Medical Anesthesia Workstations <ul style="list-style-type: none">• Primus, Primus Infinity®, Empowered, Apollo®, Pallas®, Fabius GS®, Fabius GS Premium, Fabius Tiro®, and Fabius Plus
IF-922P	Device Interface for Hospira® Q-Vue™, Q2, and Q2 <ul style="list-style-type: none">• Plus CCO/SO2 Monitors
IF-923P	Device Interface for Puritan Bennett 7200 Ventilators
IF-925P	Device Interface for Masimo Pulse Oximeters, Radical® <ul style="list-style-type: none">• Radical 7®, Rad-8® and Rad-87™• Allows for Dual SpO2 Monitoring
IF-927P	External Interface for Carefusion® AVEA® and VELA® Ventilators

PRODUCT #	ITEM
IF-928P	Device Interface for Dräger Medical Babylog® 8000 Plus
IF-930P	Device Interface for GE® Healthcare Aisys® Avance® System
IF-932P	Device Interface for Maquet Flow-I Anesthesia Workstations
IF-937P	Interface for Covidien INVOS™ 5100C Cerebral Oximeter
IF-944P	Device Interface for HAMILTON-C1 and T1 Ventilators to BSM-6000/G7
IF-946P	Device Interface for LiDCO Rapid/Plus Hemodynamic <ul style="list-style-type: none">• BSM-6000/Life Scope G7
IF-948P	External Interface Support for Edwards Lifesciences HemoSphere CCO Monitor
IF-950P	Device Interface for Dräger A500 Perseus Anesthesia System
IF-951P	Device Interface Cable for Maquet Servo-U®/Servo-n® Ventilators
IF-954P	Device Interface Cable for Mindray A7, A5 and A3
IF-955P	Device Interface Cable for Masimo Radical 7, Rainbow
IF-956P	Device Interface Cable for Medtronic PB980 ventilator
IF-957P	External Interface Support for Cheetah Medical NICOM/Starling SV Hemodynamic Monitor
IF-958P	Device Interface Cable for Medtronic A-3100C BIS
IF-961P	Device Interface Cable for Philips Respironics V60 ventilator
IF-963P	Device Interface Cable for CasMed Fore-Sight Elite
IF-966P	Device Interface Cable for Nihon Kohden NKV-330 or NKV-550 ventilator
YJ-910P	ECG/BP Output Cable, 5 m, End is Unterminated
YJ-920P	ECG/BP Output Cable, 0.3 m, Dual ¼” Jacks <ul style="list-style-type: none">• (ECG/BP Output cables connect directly to the Input Unit)

ANESTHESIA GAS MONITORING MODULE

Nihon Kohden provides agent monitoring capabilities that integrate directly to our operating room monitoring products and provide a comprehensive solution for OR monitoring requirements.

GF-210RA MULTI-GAS UNIT

Innovative Anesthesia Monitoring Solutions

The GF-210RA Multi-Gas Unit connects to our BSM-6000 and Life Scope G-Series series monitors to provide a complete anesthesia monitoring solution.

The GF-210RA Multi-Gas Unit provides you with quick and accurate measurement of anesthesia gases including CO₂, N₂O, O₂, up to two anesthetic agents (automatically selected from halothane, isoflurane, enflurane, sevoflurane, desflurane) and respiration rate.

Quick access windows display five waveforms (O₂, CO₂, N₂O and two agents) with easy-to-view numerical data color-coded to match each waveform; comprehensive graphic trends of all parameters; a tabular data list that gives you minute-by-minute values of all anesthetic agents, gases and vital signs; and a user-selectable alarm for all parameters.

GF-210RA Multi-Gas Unit

FEATURES

- Automatic identification of five anesthetic agents
- Displays inspired and expired O₂, CO₂, N₂O and two agents
- Quick warm up
- Adult and neonatal anesthesia monitoring
- Automatic self-zero calibration
- All controls and information appear on the bedside monitor with user-friendly touchscreen operation



COMPLETE KIT – STANDARD ACCESSORIES INCLUDED

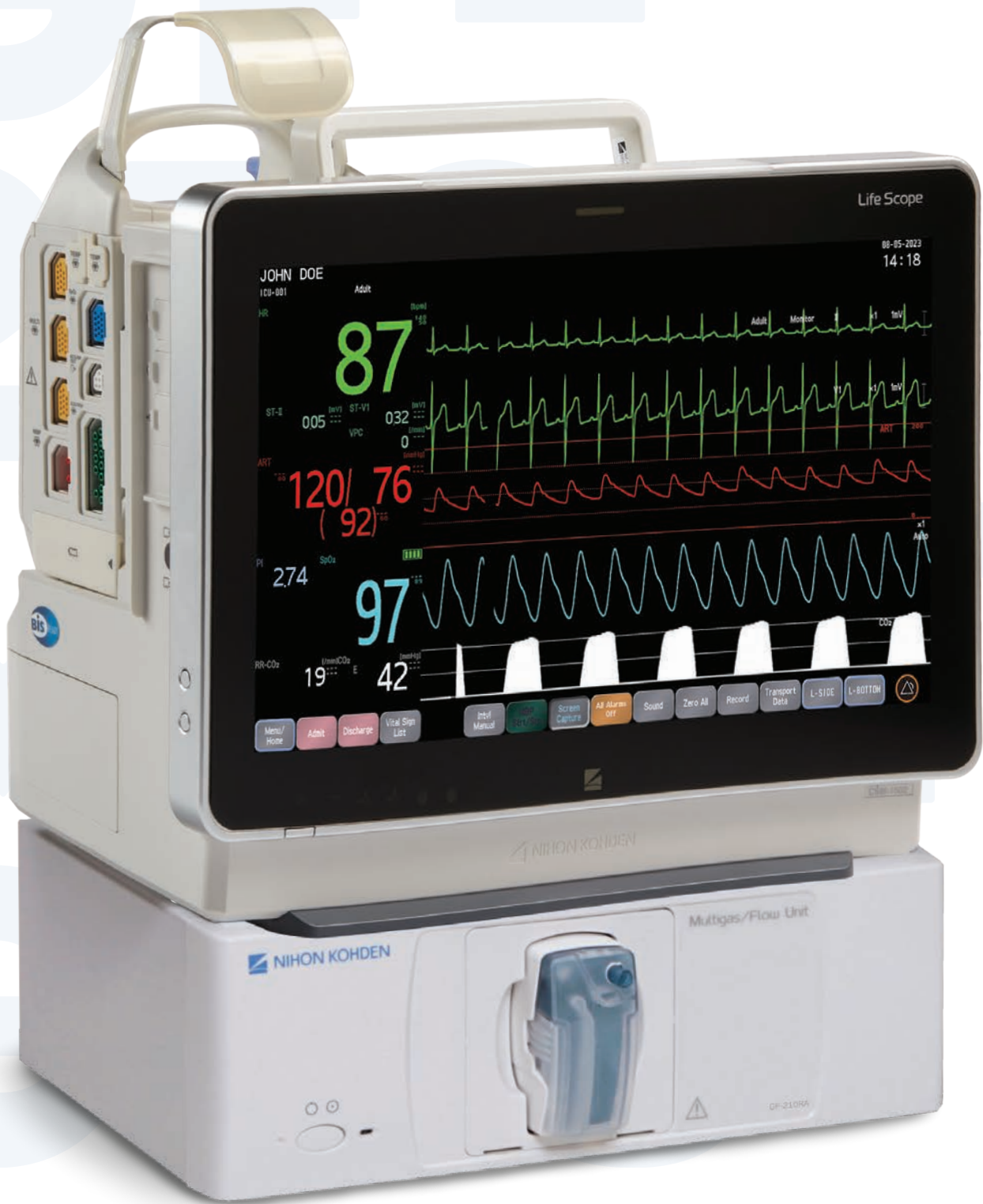
PRODUCT #	ITEM
GF-210RA	<div>Multi-Gas Unit for BSM-6000, BSM-3500, and G7</div> <ul style="list-style-type: none">• Anesthesia gas detection system for use with the BSM-6000, BSM-3500, and G-Series monitors.• Displays 5 waveforms, 2 agents inspired and expired O₂, CO₂, and N₂O. Side stream measurement with automatic self-zero calibration. All controls and information are available at the bedside monitor.• Includes a power cord, Operators Manual and 1 exhaust gas adaptor

Note: Requires a sample line, water trap and interface cable listed below to connect to BSM-6000, BSM-35xxA-QI, or Life Scope G-Series monitor. When connecting to a BSM-6000, a QI-632P, QI-634P, QI-671P or QI-672P interface card must also be quoted. BSM-3500 series monitor requires models equipped with the QI option. No additional options are required for Life Scope G-Series monitor. It can be connected to a G7, G5 Max or G5 core unit interface ports.

ACCESSORIES

Optional Accessories for GF-210RA

PRODUCT #	ITEM
YJ-600P	Connection Cable, 0.3 m, for use only when GF-210RA is mounted to the bottom of the BSM-6000
YJ-601P	Connection Cable, 2.5 m, for use with BSM-3500, BSM- 6000 and CSM-1901
YG-600P	Multi-Gas Watertrap (Box of 12)
A/8290286	Multi-Gas Sampling Line (Box of 10)
6144900614B	Exhaust Gas Tube



Mounting Accessories for GF-210RA

PRODUCT #	ITEM
DH-220P	Mounting Plate to connect GF-210RA to the bottom of the BSM-6000 series monitor <ul style="list-style-type: none">• Use YJ-600P connection cable for this configuration
A/0060-01	Mounting Plate to connect GF-210RA to the bottom of the BSM-3500 monitor <ul style="list-style-type: none">Use YJ-601P connection cable for this configuration. (BSM-35x2A-QI/ZA only)
DH-221P	Wall Mount Adaptor to mount the GF-210RA vertically on a wall channel
DH-320P	Mounting Plate to connect GF-210RA to the bottom of the Life Scope G5 or G5 Max series monitor <ul style="list-style-type: none">• Use YJ-600P connection cable for this configuration

Gas Testing Accessories

Nihon Kohden does not stock the following gas testing accessories. They are available directly from Scott Medical Products at 800.233.4334.

PRODUCT #	ITEM
0304-7068SR-SD	<ul style="list-style-type: none">• Test Gas Replacement Cylinder
0305-NKCALKIT	Test Kit

CAPNOGRAPHY

OLG-3800 RESPIRATORY MONITOR

Mainstream Capnography and SpO₂ Monitoring
Portable Respiratory Mainstream CO₂ Monitoring for
Intubated and Non-intubated Patients

With its 7" color touch screen, the OLG-3800 Respiratory Monitor provides easy and reliable access to respiratory monitoring status. It's the key to providing safe and effective care — from a patient under sedation during a procedure to monitoring a patient on the general care floor. With a combination of cap-ONE® capnography and Nihon Kohden SpO₂ pulse oximetry technologies. Continuous monitoring of etCO₂, respiration rate, and Nihon Kohden SpO₂. In virtually any clinical setting.

FEATURES

- Large configurable display for waveform and numeric display
- CO₂, SpO₂ and respiration measurement
- Quick CO₂ measurement start with no sensor calibration needed
- EtCO₂ cues for intuitive care
- Audible cues for intuitive respiratory care
- Compact design with high-resolution color touch screen
- AC and battery operation for portable use
- Patient data can quickly be retrieved for up to 120 hours with trend and full disclosure smart graphics
- Two Smart Cable ports for cap-ONE® and SpO₂ sensors
- Connect to Central Station or use inter-bed for enhanced remote viewing





COMPLETE KITS –
STANDARD ACCESSORIES INCLUDED

PRODUCT #	ITEM
OLG-3800C/ZA	Monitor and Oximeter Kit - Capnograph, SpO ₂ Monitor, Kit Note: This Oximeter kit includes SpO ₂ Smart Cable, power cord, manual and battery. SpO ₂ sensor is ordered separately.
OLG-3800B/ZA	Monitor Capnography and Oximeter Kit - Capnography, CO ₂ and SpO ₂ Monitor, Kit. Note: This Capnography kit includes a TG-920P cap-ONE® CO ₂ sensor, SpO ₂ Smart Cable, power cord, manual and battery. SpO ₂ sensor is ordered separately.
OLG-3800A/ZA	Endoscopy Package, Monitor Capnography Sensor and SpO ₂ for use with Biteblock - Capnograph, CO ₂ and SpO ₂ Monitor, GI Kit Note: This Capnography kit includes a TG-980P cap-ONE® CO ₂ sensor, SpO ₂ Smart Cable, power cord, manual, battery and TL-201T SpO ₂ sensor.

OLG-3800 Respiratory Monitor

PRODUCT #	ITEM
OLG-3800A	<p>Portable CO₂ monitor with a 7” color display. The monitor has two Smart Cable connectors, one for cap-ONE® CO₂ sensors (TG-980P, TG-970P or TG-920P) and one for the Nihon Kohden SpO₂ Smart Cable (JL-500P1). Patient data review capabilities include up to 120 hours of vital sign data, Trend Graph/Table, Alarm, and full-disclosure review.</p> <p>The OLG-3800 can be connected via the LAN port to a Nihon Kohden network and provide functions as inter-bed, EMR connectivity and central monitoring. Includes an operator’s manual and power cord.</p>

Note: Sensors and cables required for monitoring CO₂ and SpO₂ parameters are sold separately. Battery is sold separately.

Optional Accessories for OLG-3800 Monitor

PRODUCT #	ITEM
TG-920P	cap-ONE®, CO ₂ Smart Cable for Non-Intubated and Intubated mainstream applications. Measurement is taken directly at the location of the expired CO ₂ breath
TG-980P	cap-ONE®, CO ₂ Smart Cable for Non-Intubated and Intubated mainstream applications. Measurement is taken directly at the location of the expired CO ₂ breath
JL-500P1	Smart Cable for Nihon Kohden SpO ₂ (required for pulse oximetry functionality)
A/OLG-2800A-CABLE	Analog out interface cable
SB-170P	Battery for up to 5 hours of use

Nihon Kohden SpO₂ Accessories

PRODUCT #	ITEM
TL-271T3	Disposable Adult Nihon Kohden SpO ₂ Probe (Box of 24)
TL-272T3	Disposable Pediatric Nihon Kohden SpO ₂ Probe (Box of 24)
TL-273T3	Disposable Neonate/Adult Nihon Kohden SpO ₂ Probe (Box of 24)
TL-274T3	Disposable Infant Nihon Kohden SpO ₂ Probe (Box of 24)
TL-201T	Reusable SpO ₂ Finger Probe
TL-220T	Reusable SpO ₂ Adult/Pediatric Multi-site Probe, 3 kg or more
A/SPO2-ADVT	Reusable Nihon Kohden SpO ₂ SoftTip Finger Probe

For additional sensors, see the Patient Monitoring Supplies & Accessories catalog (MMLB 193).

CO₂ Accessories

PRODUCT #	ITEM
YG-111T	cap-ONE® TG-920P CO ₂ Intubated Airway Adaptor (Box of 30)
YG-122T	cap-ONE® TG-920P CO ₂ Non-Intubated with O ₂ Adaptor (Box of 30)
YG-211T	TG-970P/TG-980P CO ₂ Intubated Adult Airway Adaptor (Box of 30) <ul style="list-style-type: none">• For pediatric and adult patients over 7 kg
YG-213T	TG-970P/TG-980P CO ₂ Intubated Neonatal Airway Adaptor W/I-C (Box of 30) <ul style="list-style-type: none">• For neonatal patients below 7 kg• Includes inner connector to reduce dead space• Cannot be used with breathing circuit connectors that have an inner connector
YG-214T	TG-970P/TG-980P CO ₂ Intubated Neonatal Airway Adaptor WO/I- C (Box of 30) <ul style="list-style-type: none">• For neonatal patients below 7 kg• Does not include an inner connector to reduce dead space• Must be used with breathing circuit connectors that have an inner connector
YG-232T	etCO ₂ Mask for TG-970P/TG-980P - Pediatric (Box of 10)
YG-242T	etCO ₂ Mask for TG-970P/TG-980P - Infant (Box of 10)
YG-272T	etCO ₂ Mask for TG-970P/TG-980P - Adult (Box of 10)
YG-282T	etCO ₂ Mask for TG-970P/TG-980P - Adult Large (Box of 10)
YG-227T	BiteBlock, Adult cap-ONE® (Box of 20)



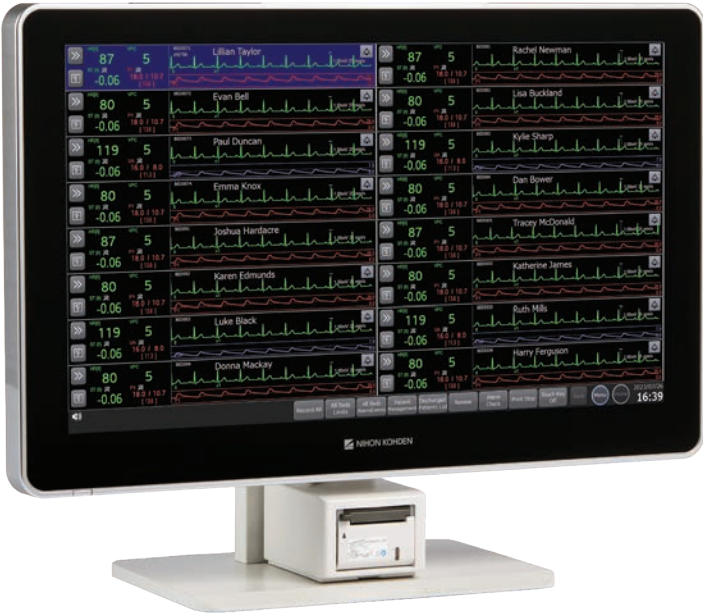
CENTRAL STATION

It's vital that clinicians are able to quickly and accurately assess and document a patient's condition, in real time. Our Central Station systems provide comprehensive information to caregivers, while enhancing workflow as part of our total monitoring system.



NGNK Remote Monitoring Station





CNS-2101 CENTRAL PATIENT MONITORING SYSTEM

The CNS-2101 Central Patient Monitoring System is a full-featured system that provides comprehensive patient monitoring and review. Simple-to-use and scalable, the CNS-2101 monitors up to 16 patients per display using two displays and is ideal for telemetry, critical care, OR, emergency room, and other monitoring environments. The CNS-2101 also provides data storage and review capabilities, and ensures a complete patient record by facilitating automated patient and data transfer between multiple departments. Standard features include Arrhythmia detection, full disclosure, graphic and tabular trends, ST review, Diagnostic 12-lead ECG storage, archiving and send waveform to EMR.

FEATURES

- Up to 32 patients per system
- Arrhythmia recall review
- Full disclosure review
- 12-lead ECG review
- Graphical and tabular trends
- Report generation

COMPLETE KITS – STANDARD ACCESSORIES INCLUDED

CNS-2101 CENTRAL STATIONS

PRODUCT #	ITEM
CNS-2101-8-ZA	8 Patient Central Monitoring System
CNS-2101-16-ZA	16 Patient Central Monitoring System
CNS-2101-24-ZA	24 Patient Central Monitoring System
CNS-2101-32-ZA	32 Patient Central Monitoring System

ACCESSORIES

Standard Accessories for CNS-2101 Series

PRODUCT #	ITEM
A/CNS-KeyBoard	CNS Keyboard, White, Washable
A/MOUSE-USB	Mouse
A/MOUSE-PAD	Mouse Pad
DM-140P	Desktop Mount

Upgrade for CNS-2101 Series

PRODUCT #	ITEM
QL-017P	8 to 16 Patient Expansion for CNS-2101
QL-018P-ZA	16 to 24 Patient Expansion for CNS-2101
QL-019P	24 to 32 Patient Expansion for CNS-2101

Mounting Kit Options

PRODUCT #	ITEM
2101MNTKITSTND-ZA	Mounting Kit with Display Only
2101MNTKITPLUS-ZA	Mounting Kit with Display and Folding Shelf
2101MNTKITNKC-ZA	Mounting Kit with Display and Recorder

Optional Accessories for CNS-2101 Series

PRODUCT #	ITEM
WS-140P	Recorder Unit, includes .3 meter connection cable
YS-122P8	.8 meter recorder connection cable for WS-140P
A/FQW-50-2-100	Recording Paper (Box of 10)
A/BARCODE	Bar Code Scanner
RY-910PA	Remote Controller
A/XEROX-B610	Network laser printer
A/ABCE422-11MED	Uninterruptible power supply, UPS

NGNK REMOTE MONITORING STATION

Optional Accessories for CNS-2101 Series (continued)

PRODUCT #	ITEM
CNS-NIR-24S/ZA	<p>Non-interactive remote display system for the CNS-2101 Central System Primary Display</p> <ul style="list-style-type: none">• Provides a duplicate video display of the primary display at a remote location up to a maximum of 300 ft away• Includes one 24-in LCD display and video transmitter/receiver system• A total of up to eight additional displays (one basic and seven expansions) can be added using part number CNS-NIR-24EXP/ZA• No additional installation charges when installed as part of a hardwired or telemetry system
CNS-NIR-24EXP/ZA	<p>Non-interactive remote display system for the CNS-NIR-24S/ZA</p> <ul style="list-style-type: none">• Adds one additional remote display to the basic non-interactive remote display system up to a maximum of 300 ft away from the host system• A total of up to eight additional displays (one basic and seven expansions) can be added to a single CNS-2101 system for display• No additional installation charges when installed as part of a hardwired or telemetry system• All components are covered by OEM warranty only
CNS-NIR-43S/ZA	<p>Non-interactive remote display system for the CNS-2101 Central System Primary Display</p> <ul style="list-style-type: none">• Provides a duplicate video display of the primary display at a remote location up to a maximum of 300 ft away• Includes one 43-in LCD display and video transmitter/receiver system• A total of up to eight additional displays (one basic and seven expansions) can be added using part number CNS-NIR-43EXP/ZA• No additional installation charges when installed as part of a hardwired or telemetry system• All components are covered by OEM warranty only
CNS-NIR-43EXP/ZA	<p>Non-interactive remote display system for the CNS-NIR-43S/ZA</p> <ul style="list-style-type: none">• Adds one additional remote display to the basic non-interactive remote display system up to a maximum of 300 ft away from the host system• A total of up to eight additional displays (one basic and seven expansions) can be added to a single CNS-2101 system for display• No additional installation charges when installed as part of a hardwired or telemetry system• All components are covered by OEM warranty only



PRODUCT #	ITEM
A/-RNS-PSF	<p>There is a one-time professional service fee to deploy the Remote Monitoring Station Extension (server-side software) and corresponding Remote Monitoring Station. The Remote Monitoring Station works in conjunction with the CNS. All functions that can be performed on a CNS for a remotely filled bed can be performed on a Remote Monitoring Station, with the additional benefits of Send to EMR, admit, discharge and transfer. The Remote Monitoring Station requires the Enterprise Gateway. The Remote Monitoring Station comes with a 24-in LCD and built-in PC, keyboard and mouse, and can monitor 16 beds. The Remote Monitoring Station is covered by a two-year warranty.</p>
NGNK-6803-T-U-ZA	Remote Monitoring Station Touch, Unicast, Available with CNS-2101 or CNS-6801 user interface
NGNK-6804-T-U-ZA	Remote Monitoring Station Touch, Unicast, No Audio, Available with CNS-2101 or CNS-6801 user interface
NGNK-6803-U-ZA	Remote Monitoring Station, Non-Touch, Unicast
NGNK-6804-U-ZA	Remote Monitoring Station, Non Touch, Unicast, No Audio
NGNK-6803-M-ZA	Remote Monitoring Station, Non-Touch, Multicast
NGNK-6804-M-ZA	Remote Monitoring Station, Non-Touch, Multicast, No Audio

TELEMETRY

Nihon Kohden's telemetry transmitters are ideal for patients that require ambulatory monitoring. With the industry's most robust line of wireless transmitters, we can help protect your entire patient population, regardless of acuity level or location.



Life Scope® G3 Series



GZ-140



ZM-530/540



LIFE SCOPE® G3 SERIES

Ambulation has long been accepted as an essential part of recovery in a hospital that may decrease the length of stay and improve outcomes. Unfortunately, ambulation can be hindered by the need to ensure continuous patient monitoring.

The Life Scope G3 series of patient monitors offers the best of all worlds: A specialty patient monitor that can be used to stabilize a patient in place, if needed, with a compact design that allows for ease of movement.



GZ-130PA

GZ-140PA

Available with two levels of functionality, the Life Scope G3 delivers early progressive ambulation in a smart, safe and secure package:

SMART

- True WiFi capabilities for safe patient monitoring
- Maintains a comprehensive patient record with up to 15-minute data backfill in the event of wireless coverage loss
- Automatically switches to local monitoring mode during WiFi coverage loss

SAFE

- Premium-as-standard philosophy; all devices are fully featured, including arrhythmia analysis and full disclosure
- Helps detect falls and wandering with a proprietary algorithm
- Enables expansion of ambulatory monitoring throughout the hospital

SECURE

- Complies with current wireless security protocols, including 802.1X and WPA2 Enterprise with AES encryption and EAP authentication and is TLS 1.2 compliant
- Seamless integration with the hospital enterprise system, with authorized access to data on the Nihon Kohden network
- Software upgrades and security updates included for the life of the equipment

G3 Telemetry Monitoring

PRODUCT #	ITEM
GZ-130PA	Wireless ECG, Respiration and SpO ₂ Telemeter
GZ-140PA	Wireless ECG, Respiration, SpO ₂ and NIBP Telemeter

Note: All G3 Telemeters will come standard with a strap and manuals CD. Lead sets, NK SpO₂ probes and NIBP cuffs are purchased separately. Batteries are not included. The GZ-140PA will come standard with the YS-112P4 reusable pouch and the YN-981S air hose.

OPTIONAL ADD-ONS

G3 ECG Lead Set Options

PRODUCT #	ITEM
BR-903PA	3 Lead ECG Block, Clip Type
BR-906PA	6 Lead ECG Block, Clip Type
BR-913PA	3 Lead ECG Block, Snap Type
BR-916PA	6 Lead ECG Block, Snap Type
A/POUCHV1	Disposable pouch for GZ-130 transmitters (Pack of 10)

G3 SpO₂ Optional Add–Ons for GZ-130PA & GZ-140PA

PRODUCT #	ITEM
TL-201T	Reusable Nihon Kohden Finger Probe
TL-220T	Reusable Nihon Kohden Adult/Pediatric Multi-site Probe, ≥3 kg
TL-271T3	Disposable Adult Nihon Kohden SpO ₂ Probe (Box of 24)
TL-201T	Reusable SpO ₂ Finger Probe

G3 SpO₂ Optional Add–Ons for GZ-130PA & GZ-140PA (Continued)

PRODUCT #	ITEM
TL-272T3	Disposable Pediatric Nihon Kohden SpO ₂ Probe (Box of 24)
TL-273T3	Disposable Neonate/Adult Nihon Kohden SpO ₂ Probe (Box of 24)
TL-274T3	Disposable Infant Nihon Kohden SpO ₂ Probe (Box of 24)
TL-535U	Semi-disposable Neonatal Nihon Kohden Probe (Box of 5), requires JL-030U2

G3 NIBP Optional Add–Ons for GZ-140PA

PRODUCT #	ITEM
YS-112P4	Reusable Pouch, GZ-140PA
YN-981S	Air Hose for GZ-140PA, 0.8m
YP-710T	Reusable NIBP Cuff - Infant for 8 to 13 cm limb
YP-840T	Disposable NIBP Cuff - Infant for 8 to 13 cm limb
YP-711T	Reusable NIBP Cuff - Child for 13 to 18 cm limb
YP-841T	Disposable NIBP Cuff - Child for 13 to 18 cm limb
YP-712T*	Reusable NIBP Cuff - Small Adult for 18 to 23 cm limb
YP-842T*	Disposable NIBP Cuff - Small Adult for 18 to 23 cm limb
YP-713T*	Reusable NIBP Cuff - Adult for 23 to 33 cm limb
YP-843T*	Disposable NIBP Cuff - Adult for 23 to 33 cm limb
YP-714T*	Reusable NIBP Cuff - Large Adult for 33 to 45 cm limb
YP-844T*	Disposable NIBP Cuff - Large Adult for 33 to 45 cm limb
YP-715T*	Reusable NIBP Cuff - Thigh for 45 to 55 cm limb
YP-845T*	Disposable NIBP Cuff - Thigh for 45 to 55 cm limb

Note: *Can be used for inflation method measurement (iNIBP)

ZM TELEMETRY MONITORING

Allows for monitoring of up to eight vectors of ECG and respiration at the Central Monitor. Integrated 2.2” color screen displays continuous real-time waveform and vital signs, and provides data review with 10 minutes of full disclosure waveforms and 10 minutes of vital sign data. The display also indicates lead status and battery status. The transmitter operates in the protected WMTS frequency band and provides economical operation through the use of two alkaline “AA” batteries.

FEATURES

- Full five-year parts and labor warranty
- Transmitters operate for up to three days using two or three “AA” alkaline batteries
- Low-battery warning sound and indicator lamp on each transmitter
- Call button can activate recorder and nurse call at central monitor (ZM-530/531PA only)
- Can use either a three-electrode (for single-vector ECG monitoring) or six-electrode (for eight-vector ECG monitoring) patient cable
- All transmitters monitor ECG, SpO₂ and impedance respirations
- Lead-off indicators on each transmitter indicate which lead requires attention
- Automatic data integration to your electronic charting system using the -EG Enterprise Gateway with A/HL7 Server Extension for HL7



RECEIVERS

PRODUCT #	ITEM
ORG-9100A-8	8 Patient Receiver Cabinet
ORG-9100A-6	6 Patient Receiver Cabinet
ORG-9100A-4	4 Patient Receiver Cabinet
ORG-9110A	4 Bed 1.4G Receiver Cabinet
ORG-9110A-6	6 Bed 1.4G Receiver Cabinet
ORG-9110A-8	8 Bed 1.4G Receiver Cabinet

Note: WMTS GHz Telemetry Receivers connects to our central nurses stations and the patient monitoring network to allow for the reception of up to 8 telemetry patients. Channels can be assigned to multiple central stations and requires ZM-500 series transmitters.

Optional Add–Ons for ORG-9100A and ORG-9110A Series:

PRODUCT #	ITEM
ZR-920PA-X2	Upgrade 4-bed system to 6-bed system or 6-bed system to 8-bed system
ZR-920PA-X4	Upgrade 4-bed system to 8-bed system

TELEMETRY TRANSMITTER ZM-530/531PA

Allows monitoring of up to eight vectors of ECG, SpO₂ and respiration at the Central Monitor. Integrated 2.2" color screen displays continuous real-time waveform and vital signs, and provides data review with 10 minutes of full disclosure waveforms and 10 minutes of vital sign data. The display also indicates lead status, battery status and pulse strength. The transmitter operates in the protected WMTS frequency band and provides economical operation through the use of two alkaline "AA" batteries.



TELEMETRY TRANSMITTER ZM-540/541PA

Allows for monitoring of up to eight vectors of ECG, respiration, continuous SpO₂ and NIBP at the Central Monitor. NTX is designed to provide hospitals with more flexible monitoring on higher-acuity patients. Ergonomically designed to provide patient comfort and mobility, it bridges the gap between a traditional bedside monitor and an ambulatory transmitter.

The NTX allows hospitals to safely monitor higher-acuity patients while maintaining the flexibility, comfort and mobility associated with the ambulatory patient. Integrated 2.2" color screen displays continuous real-time waveform and vital signs, and provides data review with 10 minutes of full disclosure waveforms and 10 minutes of vital signs data. The display also indicates lead status, battery status and pulse strength. The NTX transmitter operates in the protected WMTS frequency band and provides economical operation through the use of three alkaline "AA" batteries.



FEATURES

- Full five-year parts and labor warranty
- Transmitters operate for up to three days using two or three “AA” alkaline batteries
- Low-battery warning sound and indicator lamp on each transmitter
- Call button can activate recorder and nurse call at central monitor (ZM-530/531PA only)
- Can use either a three-electrode (for single-vector ECG monitoring) or six-electrode (for eight-vector ECG monitoring) patient cable
- All transmitters monitor ECG, SpO₂ and Impedance respiration
- Lead-off indicators on each transmitter indicate which lead requires attention
- Automatic data integration to your electronic charting system using the -EG Enterprise Gateway with A/HL7 Server Extension for HL7

WMTS 608 MHz UHF Telemetry Transmitters

PRODUCT #	ITEM
ZM-530PA	ECG, 8 Vectors, Respiration, and SpO ₂ Transmitter
600343B	Transmitter Strap
ZM-540PA	ECG, 8 Vectors, NIBP, Respiration, and SpO ₂ Transmitter
Y236	Transmitter Strap

Note: Transmitters do not include batteries, lead sets or SpO₂ probes.

WMTS L-BAND, 1.4 GHz Telemetry Transmitters

PRODUCT #	ITEM
ZM-531PA	ECG, 8 Vectors, Respiration, and SpO ₂ Transmitter
600343B	Transmitter Strap
ZM-541PA	ECG, 8 Vectors, NIBP, Respiration, and SpO ₂ Transmitter
Y236	Transmitter Strap

Note: Transmitters do not include batteries, lead sets or SpO₂ probes.

ACCESSORIES

Optional Accessories for Transmitters

PRODUCT #	ITEM
A/NTX-DISP	Disposable Pouch for ZM-540PA (Box of 100) <ul style="list-style-type: none">• Requires NIBP hose and cuff for NIBP measurement
A/NTX2-POUCH	Reusable Telemetry Transmitter Pouch for ZM-540PA <ul style="list-style-type: none">• Requires NIBP hose and cuff for NIBP measurement
9000063394	Protective SpO ₂ Cap, ZM530/531PA
A/POUCHV1	Disposable pouch for ZM-53x transmitters (Pack of 10)

ECG Accessories

PRODUCT #	ITEM
BR-903PA	3 Lead Block, Clip Type
BR-913PA	3 Lead Block, Snap Type
BR-906PA	6 Lead Block, Clip Type
BR-916PA	6 Lead Block, Snap Type

NIBP Accessories ZM-540PA and ZM-541PA

PRODUCT #	ITEM
YN-990P	NIBP Hose to use Standard Cuffs with ZS/ZM-940P, 1.5 m
YP-710T	Reusable NIBP Cuff – Infant for 8 to 13 cm limb
YP-711T	Reusable NIBP Cuff – Small Child for 13 to 18 cm limb
YP-712T	Reusable NIBP Cuff – Child for 18 to 23 cm limb
YP-713T	Reusable NIBP Cuff – Adult for 23 to 33 cm limb
YP-714T	Reusable NIBP Cuff – Large Adult for 33 to 45 cm limb
YP-715T	Reusable NIBP Cuff – Thigh for 45 to 55 cm limb

SpO₂ Accessories ZM-530PA/ZM-531PA, ZM-540PA and ZM-541PA

PRODUCT #	ITEM
TL-271T3	Disposable Adult Nihon Kohden SpO ₂ Probe (Box of 24)
TL-272T3	Disposable Pediatric Nihon Kohden SpO ₂ Probe (Box of 24)
TL-273T3	Disposable Neonate/Adult Nihon Kohden SpO ₂ Probe (Box of 24)
TL-274T3	Disposable Infant Nihon Kohden SpO ₂ Probe (Box of 24)
TL-201T	Reusable Nihon Kohden SpO ₂ Finger Probe
TL-220T	Reusable Nihon Kohden SpO ₂ Adult/Pediatric Multi-site Probe, 3 kg or more

PLATFORM & SERVER EXTENSIONS

Enterprise Gateway

HL7 Server Extension

Wireless Assessment, Installation & Server Extension

AWARE® Alarm Management and Reporting

ViTrac® Server Extension

NetKonnnect Gateway

ReportKonnnect

PAGER Server Extension

ECG Server Extension

Remote Monitoring Station Server Extension

Send to EMR Server Extension

Waveform Server Extension



ENTERPRISE GATEWAY

The Enterprise Gateway is a next-generation platform that empowers healthcare professionals to deliver uncompromising care by integrating data from multiple Nihon Kohden patient monitoring devices and allowing easy access to information, regardless of location. As the backbone of the Nihon Kohden Patient Monitoring System, the Enterprise Gateway consolidates multiple applications into a single, powerful server — saving time, space and money.

Enterprise Gateway is designed to support seven key gateway extensions and applications, all through one server:

- AWARE® alarm management and reporting software application
- Remote Monitoring Station
- ECG Server Extension
- HL7 Server Extension
- Pager Server Extension
- Wireless Server Extension
- ViTrac® remote viewing
- Send to EMR Server Extension
- Waveform Server Extension
- NK Anywhere Server Extension

FEATURES

A client/server-based platform, the Enterprise Gateway:

- Supports up to 2,000 devices and 300 clients for remote viewing
- Features multilevel security controls, restricting access to patient data based on user access privileges and specified groups
- Allows for easy setup of users and access rights, providing administrators the necessary flexibility and robustness to meet their requirements

PRODUCT #	ITEM
NK-HIQ-EG/ZA	There is a one-time fee that includes server hardware and the Enterprise platform software. Enterprise platform software is required to run any of the Enterprise applications or plug-ins.
NK-HIQ-EGTEST/ZA	Test Server for Enterprise Gateway
NK-HIQ-EG-RED/ZA	Standby Server for Enterprise Gateway



HL7 SERVER EXTENSION

The HL7 Server Extension is designed to facilitate automated transfer of information from Nihon Kohden patient monitors to hospital information systems. The HL7 Server Extension has been developed to:

- Provide outbound vital signs from a Nihon Kohden patient monitoring system to almost any HL7-compliant EMR system
- Simplify patient admission and help ensure accuracy of patient demographics using inbound ADT capability
- Use an integrated interface engine that enables the easy exchange of electronic information with HL7-compliant EMR systems

Part of the Enterprise Gateway platform, the HL7 Server Extension includes all the software, hardware and professional services necessary to facilitate the transfer of patient admission, discharge, transfer data (ADT) and vital signs results messages between Life Scope® patient monitors and almost any HL7-compliant EMR system.

PRODUCT #	ITEM
A/HL7-PSF	<div>HL7 Server Extensions to Information Systems</div> <ul style="list-style-type: none">• The HL7 Gateway system connects up to 50 Nihon Kohden monitoring devices (not the number of patients) to a compatible hospital information system• Compatible systems include Meditech Magic, McKesson®, Cerner®, Epic, CPSI and others• Includes hardware, software, integration tools, and professional services to support HL7 results and ADT communication between the Nihon Kohden monitoring system and the hospital information system• Does not include dual feed nor send ECG snippets to EMR
A/HL7-PSF-PE	<ul style="list-style-type: none">• The HL7 Gateway system connects up to 50 Nihon Kohden monitoring devices (not the number of patients) to a compatible hospital information system• Compatible systems include Meditech Magic, McKesson®, Cerner®, CPSI and others• Includes hardware, software, integration tools, and professional services to support HL7 results and ADT communication between the Nihon Kohden monitoring system and the hospital information system.• Includes dual feed and sends ECG snippets to EMR

HL7 PERPETUAL	
#HL7-P	Perpetual license for HL7 interface, per device
#HL7-P-II	Perpetual license for HL7 interface, per device; includes dual feed and support from the HL7 interface team



WLAN, WIRELESS ASSESSMENT, INSTALLATION & SERVER EXTENSION

Designed to facilitate data acquisition and management throughout a hospital, the Wireless Server Extension enables Nihon Kohden WLAN patient monitors to leverage a hospital’s WiFi infrastructure investment or operate on a stand-alone Nihon Kohden wireless network in a smart, safe and secure manner.

The Wireless Server Extension adds capabilities that include backfill of up to 15 minutes of data when a device reconnects to the wireless network after losing network connectivity for at least 15 seconds. This can happen when a device moves outside the wireless coverage area or moves into a shielded room. The Wireless Server Extension acts as a proxy between the hospital’s network and the Nihon Kohden wired network. Wireless devices using the Wireless Server Extension can be configured with an SSID that is shared with other devices on the customer’s wireless network. The Wireless Server Extension needs an IP address on the hospital network that is accessible by the devices on the wireless network. The IP address does not need to be in the same logical subnet as the wireless devices.

PRODUCT #	ITEM
INSTALL-WLAN	Installation of WLAN system; includes system supplies, design, installation, technical and clinical qualification
Install-Solution-M	Price to design, install and configure advanced network solution
A/WIRELESS-PSF	One-time professional service fee to deploy Wireless Server Extension on Enterprise Gateway

WIRELESS PERPETUAL	
#WIRELESS-P	Perpetual license for Wireless Server Extension

Note: Square footage of desired coverage area for patient monitoring is needed for a budgetary quote.

Use the Hospital’s WLAN Network.

PRODUCT #	ITEM
WIRELESS_ASSESSMENT	Installation of WLAN system, includes system supplies, design, installation, technical and clinical qualification

Note: Hospital’s WLAN Network needs to meet Nihon Kohden’s performance requirements for the system to be deployed. If the network meets these requisites, the network configuration will be documented in the Network Agreement. The Network Agreement must be signed before go-live. If the hospital’s WLAN doesn’t meet Nihon Kohden wireless patient monitoring requirements, remediation will be recommended. Remediation may require the hospital to upgrade existing network at their own expense or installing a dedicated Nihon Kohden WLAN network (needs to be quoted).

Square footage of desired coverage area for patient monitoring is needed for a budgetary quote.

AWARE® ALARM MANAGEMENT AND REPORTING

According to The Joint Commission, improperly managed alarms can compromise patient safety. Nihon Kohden recognizes that eliminating alarm fatigue is a shared responsibility between hospitals, clinicians and monitoring companies. As your ally in health, we have developed AWARE alarm management and reporting, a software application designed to assist clinical teams in identifying, managing and responding to critical alarms.

The AWARE application assists hospitals by producing insightful reports with quantitative data related to arrhythmia, vital signs and technical alarms, which can:

- Assist in identifying and eliminating nuisance alarms, allowing healthcare professionals to focus on patient care
- Aid hospitals in achieving The Joint Commission’s national patient safety goals on alarm management
- Promote meaningful alarm management across the organization

Part of the Enterprise Gateway platform, the AWARE system includes all required software to track, aggregate, segment and analyze alarms emitted by Life Scope® patient monitors.

AWARE requires the Enterprise Gateway server hardware (Dell® R640) and Microsoft SQL Standard, which are included with the bill of materials for each of the kits listed in the following tables. The Aware system is based upon the total number of patients monitored with Nihon Kohden devices (both bedside monitors and telemetry) and is available for the configurations below. The server includes the Aware Server Extension, Microsoft SQL Standard, Enterprise Gateway S/W, Dell® R640 Server H/W, mouse and keyboard.

AWARE Server Extension

PRODUCT #	ITEM
A/AWARE-PSF	One-time professional service fee to deploy Aware Alarm Management on the Enterprise Gateway

PERPETUAL	
#AWARE-P	Perpetual license for Aware Alarm Management, devices 0 through 100

VITRAC® SERVER EXTENSION

ViTrac (QP-989P) in conjunction with Enterprise Gateway (QP-988P) supports the remote access of patient data using Apple iOS products, including iPad®, iPhone® and iPod Touch®. The ViTrac system allows hospitals to assign access rights to clinicians who can remotely access the monitoring data. ViTrac is similar to the Nihon Kohden NetKonnnect product by providing users with the ability to view current waveforms and vital signs, then review stored data, including graphical and tabular trends, arrhythmia recall events, ST segment history, full disclosure waveforms and hemodynamic calculations. A new feature of ViTrac is the ability to view up to 12 patients at one time on an iPad or 8 patients (by scrolling) on an iPhone or iPod Touch in comparison to NetKonnnect, which only provided a single patient view. Data can be accessed wirelessly from within the hospital or remotely using hospital-provided connection methods.

The ViTrac system includes server hardware and ViTrac server software with the ability to register a specific number of users. For example, on a 25-user system, the hospital can register 25 users who can access data remotely. The client software (QP-989P) for the Apple® user devices is available as a free download from the Apple App Store.

Hardware is covered by the original manufacturer’s warranty.



QP-988P ViTrac on the Enterprise Gateway

PRODUCT #	ITEM
A/VITRAC-PSF	One-time implementation fee to deploy ViTrac
PERPETUAL	
#VITRAC-P	Perpetual license for ViTrac, devices 0 through 100

PAGER SERVER EXTENSION

Designed to improve alarm response and workflow, the Pager Server Extension forwards alarm and arrhythmia notifications to third-party communication devices. The server extension allows for alarm notifications to be sent to the appropriate clinicians via mobile devices, supporting a timely response to actionable alarms.

Created to help hospitals and health systems achieve their alarm management and safety plans, as required by The Joint Commission’s national patient safety goals, the Pager Server Extension alarm information includes:

- Patient name
- Patient ID
- Room number/name
- Alarm violation type
- Vital signs
- Waveform image

Part of the Enterprise Gateway platform, the Pager Server Extension includes all the software to allow alarm information for the entire monitoring system to be forwarded to a third-party alarm notification controller system.

The Pager Server Extension enables alarm notification directly to the clinician using portable devices. With a single point connection to the Nihon Kohden monitoring network, alarm information from all patients is captured and forwarded to a third-party alarm controller system.

Pager Server Extension General Description

- Interface to connect a Nihon Kohden monitoring system to a third-party alarm notification controller system (such as Ascom™, Globestar, etc.) for remote alarm and event notification using pagers, smart devices and the nurse call system
- Interface transmits alarm information and arrhythmia event waveforms to the third-party alarm notification controller system
- Requires purchase of the third-party alarm notification controller system directly from the vendor of that system
- For secondary alarm notification only
- Installed on the Enterprise Gateway Platform, included as part of A/PAGER-PSF

PRODUCT #	ITEM
A/PAGER-PSF	One time implementation fee to deploy Pager Server Extension on Enterprise Gateway

PAGER PERPETUAL	
#PAGER-P	Perpetual license for Pager interface, devices 0 through 100

ECG SERVER EXTENSION

Designed to improve monitoring accessibility, the ECG Server Extension receives diagnostic-quality 12-lead ECG waveform data directly from bedside monitors when a test is complete and stores it for up to 72 hours for retrieval.

The latest in data management integration, the ECG Server Extension:

- Captures interpretive 12-lead ECGs performed on compatible Life Scope® bedside monitors and forwards them to the appropriate application using Nihon Kohden’s ECG format
- Translates ECG data into the host system’s native format and transfers them to the host system
- Allows translated ECGs to be seen and handled by the host system as if they originated on their own proprietary devices, and may be stored, recalled, edited and printed just like any other ECG in the host system

Part of the Enterprise Gateway platform, the ECG Server Extension includes all software, hardware and professional services necessary to facilitate the transfer of 12-lead ECG data between Life Scope® patient monitors and the hospital data management system

ECG Server Extension

The ECG Server Extension sends 12-Lead ECGs to MUSE, Epiphany, Tracemaster® and other ECG Data Management Systems. The Extension is installed on the Enterprise Gateway Platform and included as part of ECG-PSF or ECG-PSF-RED.

PRODUCT #	ITEM
A/ECG-PSF	Perpetual implementation fee to deploy the ECG Server Extension

ECG PERPETUAL	
#ECG-P	Perpetual license for ECG Sever Extension, devices 0 through 100

Nihon Kohden ECG Server Extension is a software product that transfers 12-lead ECG waveform data from a Nihon Kohden Bedside Monitor to third-party ECG Management Systems.

- The ECG Server Extension for the Nihon Kohden Enterprise Gateway platform

The hospital must also purchase a Middleware Data Med-FT software package from Engineering Solutions (engs.com or 800.601.3361).

- One server system allows up to 1,000 BSM-3500, BSM-6000 or Life Scope G7

Bedside monitors transmit interpretive 12-lead ECGs directly to the ECG data management system.

- The ECG Server then processes and stores the 12-Lead Analysis data in a pre-configured Windows®
- Share location for up to 72 hours until the data is imported by the ECG Management Systems

Includes ECG Server Extension, Enterprise Gateway S/W, Dell R640 Server H/W, mouse and keyboard.



HL7 ESSENTIAL SOFTWARE FOR WIRELESS LIFE SCOPE SVM-7200

HL7 Essential is a software interface solution intended to provide communication between the Life Scope SVM-7200 Series monitor and the customer’s EMR. The HL7 interface is available in stand-alone version that includes hardware or as a software module intended to be loaded on the Enterprise Gateway. The stand-alone version is intended for new customers without a Nihon Kohden ECO system or current customers with a Nihon Kohden legacy gateway server. The stand-alone option includes server hardware with the HL7 Essential loaded, installation, implementation and configuration services are included with both solutions.

The HL7 Essential software is compatible with Life Scope SVM-7200 Series monitor and can be adopted to any EMR available on the U.S. market*. The product supports spot check measurements but is not compatible with continuous monitoring for the SVM. Wireless Life Scope Transport (BSM-1700) monitors or Life Scope G3 Telemetry packs monitoring operates separately and independently of the HL7 Essential on the Enterprise Gateway. Planning installation and configuration of the HL7 Essential will be conducted in collaboration with the customer’s IT department and executed remotely by Nihon Kohden HL7 engineers.

HL7 Essential Software for Wireless Life Scope SVM-7200

PRODUCT #	ITEM
A/HL7Essential-PSF	One-time implementation fee to deploy HL7 Essential EMR interface software on an Enterprise Gateway. A discount applies to customers with the HL7 feed (A/HL7-PSF) already installed.
HL7ESSENTIAL/ZA	One-time implementation fee to deploy a stand-alone HL7 Essential Server Software to a system equipped with a Nihon Kohden Legacy Gateway or when the SVM-7200 is deployed in a non-Nihon Kohden ECO system. Includes server software, hardware, configuration, and implementation.
INSTALL_WLAN	Installation charges, WLAN.
WIRELESS_ASSESSMENT	Technical and clinical assessment of customer's WLAN. Up to 25,000 square foot of assessment.
#WIRELESS-P-SVM	Perpetual license for SVM HL7 & wireless interface. Per Life Scope SVM-7200 series monitor installed for the HL7 Essential.

* Pending Cerner VitalsLink® certification.

* Pending Cerner VitalsLink® certification.



SUPPORT/ INSTALLATION

- Clinical Support
- Clinical Optimization
- Installation

CLINICAL SUPPORT

Nihon Kohden recognizes that clinical education is crucial to ensuring long-term satisfaction with your new monitoring system. We achieve this goal by forming a clinical partnership with the hospital and educating staff using a four-part blended learning approach.

Our blended learning approach consists of a value added four-part clinical implementation program:

- 1. Access to Nihon Kohden online education modules for the life of the equipment
- 2. Live hands-on clinical resource training classes for 20% of the staff receiving NK monitoring equipment
- 3. Live clinical application support during the transition to the new monitoring system
- 4. Ongoing free 24/7 clinical and/or technical phone support

The Standard 4-Part Clinical Partnership Program includes clinicians on-site Monday afternoon/evening, Tuesday 7am to 11pm, Wednesday 7am to 11pm and Thursday 7am to 11pm. For additional Clinical Support services, i.e. weekend coverage (Friday, Saturday or Sunday), overnight coverage (11pm to 7am), or changes to the Standard Clinical Partnership Program, please contact your Account Executive for pricing and details..

ADDITIONAL PATIENT MONITORING SERVICES:

PRODUCT #	ITEM
#CAS-1-DAY	1 CAS covering one, 8-hour weekday shift. This charge can be applied to either a day or evening shift Mon, Tues, Wed or Thurs. This charge is to add CAS above and beyond our Standard 4-Part Clinical program, add CAS to Stand-Alone/Non-networked projects or re-training of hospital staff. Approval required to ensure adequate resources before quoting.
#CAS-2 DAY	1 CAS covering two, 8-hour weekday shifts. This charge can be applied to either a day or evening shift Mon, Tues, Wed or Thurs. This charge is to add CAS above and beyond our Standard 4-Part Clinical program, add CAS to Stand-Alone/Non-networked projects or re-training of hospital staff. Approval required to ensure adequate resources before quoting.
#CAS-3 DAY	1 CAS covering three, 8-hour weekday shifts. This charge can be applied to either a day or evening shift Mon, Tues, Wed or Thurs. This charge is to add CAS above and beyond our Standard 4-Part Clinical program, add CAS to Stand-Alone/Non-networked projects or re-training of hospital staff. Approval required to ensure adequate resources before quoting.
#CAS-WE	Per shift: 1 CAS covering one 8-hour weekend shift. This is a PER SHIFT charge. This charge can be applied to either a day, evening or overnight shift Fri, Sat, or Sun. Approval required to ensure adequate resources before quoting.
#CAS - NIGHT	1 CAS covering three, 8-hour weekday shifts. This charge can be applied to either a day or evening shift Mon, Tues, Wed or Thurs. This charge is to add CAS above and beyond our Standard 4-Part Clinical program, add CAS to Stand-Alone/Non-networked projects or re-training of hospital staff. Approval required to ensure adequate resources before quoting.
#ONSITE-SW	This charge is to provide on-site CAS support for equipment software upgrades. 1 CAS covering three, 8-hour weekday shifts. This charge can be applied to either a day or evening shift Mon, Tues, Wed or Thurs. Approval required before being quoted to determine correct number of resources and technical review.

Clinical Assessment

Provides a clinical follow-up/optimization visit from one of our Optimization Specialists approximately three to six months after go-live of Nihon Kohden Monitoring systems. Clinical Optimization visit includes:

- 1. Provide review of device settings and configurations throughout departments to ensure accuracy, consistency, and optimization for workflow.
- 2. Provide formal onsite discovery meeting and debrief meeting with CNO/DON and departmental nursing leadership to discuss nursing workflow with patient monitoring, alarm settings, and configurations.
- 3. Provide consultation regarding alarm fatigue awareness and best practices.
- 4. Re-education/in-services can be provided.
- 5. Cost:

PRODUCT #	ITEM
#CLINICAL-OPT	Tier 1: Less than 150 beds: 1 Clinical Optimization Specialist covering three consecutive, 8-hour weekday shifts.
#CLINICAL-OPT_2	Tier 2: 150 to 300 beds: 3 total visits including 1 Clinical Optimization Specialist covering three consecutive, 8-hour weekday shifts.
#CLINICAL-OPT_2	Tier 3: 300 plus beds: 5 total visits including 1 Clinical Optimization Specialist covering three consecutive, 8-hour weekday shifts.

**Initial visit recommended 3-6 months post go live, subsequent visits recommended over quarterly increments.*
**Option for additional follow up visits at a weekly rate for all established optimization facilities.*

INSTALLATION

Installation charges reflect that clinical is not included. A Clinical stand-alone is quoted separately for stand-alone installations requiring or requesting clinical support.

PRODUCT #	ITEM
#INST_SRV_2DAYS	Minimum charge for one Nihon Kohden installer, two days of on-site installation support (3 days total 8 hr a day with travel included on the 1st and 3rd day)
#INSTALL_SRV_WK	Install fee for one Nihon Kohden installer to be on site for 1 week to conduct installation support (Monday to Friday, 5 days 8 hr a day with travel included on Monday and Friday)
#INST_SRV_ADDDDAYS	Additional day charge for one Nihon Kohden resource, must be purchased with #INST_SRV_2DAYS (this is one added day to the #INST_SRV_2DAYS)
#ONSITE-TSSU	Field Service Support for one Nihon Kohden on-site technical resource for 1 week. (Monday to Friday, 5 days 8 hr a day with travel included on Monday and Friday)
#INSTALL-NET-CON	<div>Network Connection Installation Charge</div> <ul style="list-style-type: none">• Charge for additional network drops or connection• These additional network connections may be needed where the number of locations to connect bedside monitors exceeds the number of monitors to be installed, special runs to connect laser printers, etc.• These additional network connections may be needed to connect laser printers, Non-Interactive Remotes, Inter-Closet connectivity, etc.• Includes point to point CAT6 cable (less than 300 ft. in length) and includes cable, jacks, wall plates.





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