

# PolyBedComplete

 NIHON KOHDEN

Simplify Sleep Lab Equipment Purchasing  
with Our All-In-One Solution



**Different Thinking for Better Healthcare.**



# Simplify equipment purchasing for your sleep lab

At Nihon Kohden, we understand the complexities of purchasing, setting up, and maintaining a state-of-the-art sleep lab. That's why we've developed PolyBedComplete — a simplified way to purchase a complete sleep lab diagnostic system with consolidated part numbers, tailored to your needs.

Step 1:

Choose your PolyBedComplete option.

Select from 4 tailored options based on your specific needs.

**IP Camera with Infrared**

Available for enhanced visual monitoring in sleep studies.

**New User Type**

Full training on all features.

**Existing User Type**

Training focused on new features only.

For detailed specifications and part numbers, please refer to the Detailed Component List on Page 4-5.

Option	Part Number	IP Camera/IR	User Type
1	PSG-NC-N-I-HM/ZA	No	New
2	PSG-NC-E-I-HM/ZA	No	Existing
3	PSG-IP-N-I-HM/ZA	IP Camera	New
4	PSG-IP-E-I-HM/ZA	IP Camera	Existing

Step 2:

Choose your amplifier.

Select either the Sphinx or PSG-1100 amplifier to complete your PolyBedComplete setup.

Both options offer unique features to suit different sleep study needs.

For detailed components, please refer to Amplifier Kit Components on Page 6.



Not sure which option is right for you?  
Contact us at  **Neurology\_Sales@nihonkohden.com** for more assistance.

**Sphinx®**

Standard sleep studies,  
ease of use

AASM channel set

Quick disconnect  
Included wall mounting solution

Pressure transducer  
Body position sensor input  
Built-in intercom/microphone  
External EtCO<sub>2</sub>

**PSG-1100™**

Advanced PSG studies with  
comprehensive EEG monitoring

25 (full 10-20 montages)

Quick disconnect  
Included wall mounting solution

Pressure transducer  
Body position sensor input  
Included external intercom/microphone  
Internal EtCO<sub>2</sub>

# Options Detailed Component List

All PolyBedComplete kits include the core components listed.  
Kits with the IP camera option include additional camera-related items as specified in the ‘IP Camera (optional)’ section.

Hardware

The foundation of your sleep study system, ensuring reliable data acquisition and analysis.

Qty	Product Description
1	Dell Workstation High-performance computer for sleep study data processing and analysis
1	24” Medical-Grade Monitor High-resolution display for clear visualization of sleep study data
1	Network Isolation Transformer Ensures electrical safety and reduces interference in sleep study recordings

Cables & Accessories

Essential components for connectivity and organization, ensuring smooth operation and tidy setup of your sleep study system.

Qty	Product Description
2	CAT6 White Cable High-speed network cable for connecting devices
1	CAT6 Blue Cable Additional high-speed network cable for system connections
1	Mouse Pad Smooth surface for optimal mouse performance
10	Tie Wraps Cable management tools to keep wires organized
1	Skin Pure, 135g, 1 Tube - Sample Gel for preparing skin before electrode placement
1	Elefix, 180g, 1 Tube - Sample Conductive paste for improved electrode contact

Software & Licenses

Our integrated software and associated licenses enable efficient data collection, scoring, and patient management.

Qty	Product Description
1	Polysmith® Digital Video License Software license for video recording during sleep studies
2	DMS Seat License Data management system license for organizing and storing patient information
1	OneBedScore Acquisition License Software for recording and analyzing sleep study data
1	Radmin Software Remote access software for system management and support

Sensors & Electrodes

High-quality sensors ensure accurate and comprehensive data collection during sleep studies.

Qty	Product Description
1	Piezo Snore Sensor Detects and records snoring during sleep studies
1	Thermocouple Sensor w/ Hanger 2.0m Measures airflow for breathing analysis
1	Adult Reusable Interface Belt, Abd 2.0m Monitors abdominal breathing movements
1	Adult Reusable Interface Belt, Chest 2.0m Monitors chest breathing movements
2	RIP Reusable Belt, Large Respiratory effort belts for thoracic and abdominal monitoring
10	Cannulas & Filter Nasal cannulas for measuring airflow with disposable bacterial filters
1	Electrode Patch 50pk Adhesive patches for securing electrodes
2	60” Gold Electrodes 10pk Long lead electrodes for EEG and other measurements
1	Dual Snap xLong 20pk Extended length dual snap electrodes for flexible placement
1	SpO <sub>2</sub> Probes 24/box Sensors for measuring blood oxygen levels

IP Camera (optional)

Enhances visual monitoring, even in low-light conditions. Included only in PolyBedComplete options with “IP” in the part number.

Qty	Product Description
1	Axis Camera High-quality video camera for patient monitoring
2	Techflex Flexible wire covering for neat cable management
1	IR AC Adapter Power adapter for infrared illuminator
1	Raytec IR Illuminator Infrared illuminator for clear night-time video
1	CAT6 Black High-speed network cables for camera connection



# Amplifier Kit Components



Sphinx

Qty	Product Description	Qty	Product Description	Qty	Product Description
1	Sphinx HB710 Headbox Main recording unit for connecting patient sensors	1	Carrying Strap For easy transport of the Sphinx headbox	1	USB 2.0 Microphone For audio recording during sleep studies
1	Sphinx CU710 Control Unit Central processing unit for the Sphinx system	1	SpO <sub>2</sub> Connection Cord Connects SpO <sub>2</sub> sensor to the Sphinx system		
1	Cable Connects headbox to control unit for data transfer	1	Finger Probe BluPRO (1.6m) SpO <sub>2</sub> sensor for measuring blood oxygen levels		
1	Power Cord Supplies power to the Sphinx system	1	Medical Mounting Bracket For secure placement of Sphinx control unit		



PSG-1100

Qty	Product Description	Qty	Product Description	Qty	Product Description
1	PSG-1100 Headbox Main recording unit for connecting patient sensors	1	Cable, Connection NK SpO <sub>2</sub> (2.5m) Connects SpO <sub>2</sub> sensor to the PSG -1100 system	1	Mounting Bracket For MU-110A Main Unit For secure mounting of the PSG-1100 Main Unit
1	PSG-1100 Main Unit Central processing unit for the PSG-1100 system	1	Cable, Tripp-Lite Y Audio (6ft) Audio cable for connecting devices	1	GCX Armature Adjustable arm for flexible positioning of PSG-1100 headbox
1	PSG-1100 Holder Secure mounting solution for the PSG-1100 headbox	1	Mic/Intercom Combo For audio recording and patient communication	1	GCX Wall Channel Wall-mounted track for the GCX armature

# Important Notes & Next Steps

**Customization:** Options can vary for each room (pricing may change).

**Equipment:** **1.** If IP Camera option is chosen, infrared illuminator is also included. **2.** For no-camera options, customer to confirm camera compatibility. **3.** Raytec Remote Controls, Live View Panel (LVP-O), and UPS sold separately. **4.** Sensor kit includes large (L) belts only - additional sizes available for purchase.

**Pricing:** **1.** Promotional pricing applies only to PolyBedComplete packages and associated Hardware Options. **2.** Individual components are not available separately. **3.** No additional discounts can be applied.

**Additional services:** Extra training available for purchase for customers with multiple sites or 10+ users.


Next Steps

Contact Us

- Schedule a consultation with our specialists
- Discuss your specific needs and customize your solution
- Receive a personalized quote
- Finalize your order and prepare for implementation

Exclusive promotional pricing available.

Act now to secure optimal value for your investment.

Have questions about PolyBedComplete?  
Contact us at  **Neurology\_Sales@nihonkohden.com** for more information.

**Email:** Neurology\_Sales@nihonkohden.com  
**Phone:** 800.325.0283

**Different Thinking for Better Healthcare®**

**NIHON KOHDEN AMERICA**

15353 Barranca Pkwy, Irvine, CA 92618

**800.325.0283** [us.nihonkohden.com](http://us.nihonkohden.com)

Important Safety Information:

CAUTION: Federal (United States) law restricts this device to sale by or on the order of a physician. See Instructions for Use for full prescribing information, including indications, contraindications, warnings, precautions, and adverse events.

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