

Reusable Respiratory Effort Inductive Belt

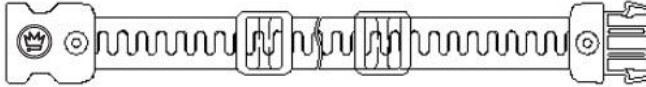
Instructions For Use

◆ To use the product safely and correctly, please refer to the instruction carefully in advance. If used in conjunction with an instrument, please also refer to the related data of the instrument.

【Principles】

Air flows to some extent during the inhalation of outside air and exhalation of gases accumulated in body. The rhythmic alternating change of the chest expanding and shrinking will lead to the ups and downs on chest, back and abdomen. Respiratory inductive belt is able to change the ups and downs into electrical signals, to collect and record changes in the human respiratory for diagnosing the disease.

【Product structure】



The respiratory inductive belt consists of mesh-belt, electrode, snap and buckles. Mesh-belt consists of elastic body and signal wire.

【Product performance】

- The respiratory inductive belt fixed on the chest(abdomen) of the patient converts chest(abdomen) circumference changes into inductive belt changes.
- You can adjust the buckle repeatedly to adjust the length according to the size of the patient.

【Application scope】

It can be used in conjunction with inductive respiratory motion detection instruments and sleep breathing detection instruments to collect and record the changes of respiration and detect respiratory motion and sleep breathing by transferring the signals among the different instruments in different cables.

【Instructions】

- Adjust to the appropriate length using the buckles and surround the chest or the abdomen with respiratory inductive belt by a circle. Fasten two snaps together to lock the respiratory inductive belt onto the patient.
- Connect the special belt data cable with the respiratory inductive belt.
- Connect the special belt cable with respiratory motion detection instrument or sleep breathing detection instrument.
- Adjust the respiratory motion detection instrument or sleep breathing detection instrument to enable it to properly collect data.
- Complete the sleep trial.
- Disconnect the special belt data cable from respiratory motion detection instrument or sleep breathing detection instrument after using.
- Disconnect the special belt cable from respiratory inductive belt and store.

【Notice】

- This product is suitable for multiple patient use. Please follow washing instructions as per Maintenance section below.
- Use belt within period of validity and read the instruction carefully before using it.
- This product may only be used by a doctor or under the instruction of a doctor. It is not advised to touch the skin of patient directly with the belt.
- Adjust the length of the belt based on the particular size of patient to avoid discomfort and bad signals.
- When disconnected, hold the snaps to avoid damage to the belt.



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【Compatibility】

This KING Reusable Respiratory Inductive Belt has been developed to work in conjunction with compatible manufacture sensor modules using two snap electrode lead wires. Other inductive sensor modules not using snap attachments may be connected to KING Inductive Belts using a wire adapter, converting snap to DIN, or snap to keyhole connector.

Direct Compatible Devices:

SleepSense Inductive Modules with Snap Connectors

Indirect Compatible Modules using adapters:

Braebon Inductive Module

Ambu Sleepmate Inductive Module

Respironics Protech Inductive Module

Natus XactTrace & Embla

Wire Adapter:

There are numerous wire adapters available on the market which allow compatibility between KING Inductive Belts and various PSG systems. Please contact KEGO customer service for assistance in finding the appropriate adapter for your system.

Note: The compatible Inductive Modules used with this KING Inductive Belt must comply with all regulations and possess a medical device license where required by the country which sold.

【Maintenance】

Use 10% aqueous sodium hypochlorite solution for cleaning. Dispose the products in accordance with relative laws and regulations after scrapping. Belts may also be hand or machine washed, cool water and mild detergent. Hang to dry.

【Label and Mark instructions】

Label and mark of the product shall include following:

- Product name, size and quantity.
- Company name, address and trademark;
- Catalogue number and serial number.

【Storage and Transportation】

- Keep in a dark, dry and well-ventilated place.
- Protect against damage from outside force, exposure to rain or snow, direct sunlight and moisture during transportation.

USA

KEGO Corporation
9850 Von Allmen court, Suite 201, Louisville, Kentucky 40241
Ph# 1-800-600-1390 Fax# 1-855-389-9732 www.kegousa.com

CANADA

KEGO Corporation
4350 Castleton Road, Unit 34, London, Ontario N6N 0A3
Ph# 1-866-862-7328 Fax# 1-866-294-5346 www.kegocorp.com