

LifeLink™



Bispectral Index (BIS) sensors

Passive aid for measuring
brain activity during
anaesthesia and sedation

PRODUCT DESCRIPTION

Developed for clinical practice

Bispectral Index, or BIS, is a form of brain function monitoring based on EEG signals. During general anesthesia or deep sedation, BIS monitoring helps tracking the hypnotic component of anesthesia and supports the healthcare professional in assessing the level of consciousness or depth of sedation. The BIS value is displayed as a numerical index, typically from 0 to 100, where lower values correspond to deeper suppression of cortical activity.^{1 2}

In a dynamic care environment, speed, reliability, and ease of use are essential. LifeLink™ BIS sensors are designed for rapid deployment and consistent signal quality, even during longer procedures.

Key product benefits:

- Simple and fast application thanks to 'peel & stick' design
- Optimized electrode dimensions for stable signal recording
- Single use, to reduce the risk of cross-contamination and infections
- High-quality conductive materials for fast and accurate response
- Biocompatible, skin-friendly, and comfortable to use

Flexible deployment

Available in various versions for adult and pediatric use, and suitable for use in diverse healthcare environments such as the OR and ICU.

Broad compatibility

Suitable for commonly used patient/BIS monitors from GE, Medtronic/Covidien, Mindray, Dräger, Philips, Nihon Kohden, Comen, Edan, Biolight, and Spacelabs, among others.³

Efficient and reliable

Clear positioning markings, reliable adhesive strength, and consistent quality support a streamlined workflow. With LifeLink™, you choose performance, ease of use, and patient comfort in a single sensor.

¹ Rampil IJ. A primer for EEG signal processing in anesthesia. *Anesthesiology*. 1998;89(4):980-1002.

² Palanca BJA, Mashour GA, Avidan MS. Processed electroencephalogram in depth of anesthesia monitoring. *Curr Opin Anaesthesiol*. 2009;22(5):553-559.

³ Registered trademarks. Statement of compatibility and test reports available upon request

PRODUCTSPECIFICATIONS

- Classification:** Medical Device class I
- Certifications:**
- Manufactured according to ISO 13485:2016
 - EU Declaration of Conformity (MDR)
- Applications** This product functions as a passive aid for DoA (Depth of Anaesthesia) measurement using EEG signals in accordance with the BIS method.
- Material:** Various
- Packaging information:** Individually packed in a pouch, and subsequently per 10 pieces in a shelf box.
- Additional specifications:**
- Latex-free
 - DEHP-free
 - RoHS compliant (Directive 2011/65/EU)
 - Hypoallergenic as per ISO 10993
 - Compliant with ANSI/AAMI EC12-2000 (R2020)



Scan this QR code to visit the product page for more information.



ORDERING INFORMATION

Dual channel BIS sensor (adult)



Product code	Application	Packing unit
700200	Monitoring brain activity during anaesthesia/sedation of adult patients	BOX/10

Dual channel BIS sensor (paediatric)



Product code	Application	Packing unit
700201	Monitoring brain activity during anesthesia/sedation of paediatric patients	BOX/10

Bilateral BIS sensor

Product code	Application	Packing unit
700202	Bi-hemispheric monitoring of brain activity during anesthesia/sedation	BOX/10



LifeLink™

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Interested?

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