

BIS™ Integrated Solutions



An integrated solution you can count on

The Infinity® BISx Pod provides depth of consciousness and sedation monitoring for use in the OR, ICU and other clinical settings. BIS information is displayed on the Infinity monitor screen, providing:

- Integrated data management for enhanced record keeping
- Integrated patient information to facilitate clinical decision making
- A space saving solution – no need for stand-alone equipment or added cables

Partnering to improve patient outcomes

BIS monitoring is most widely used in the OR to:

- Reduce the risk of awareness during surgery
- Reduce anesthetic drug use
- Decrease the incidence of post operative side-effects such as nausea and vomiting
- Reduce length of stay in the PACU (recovery room)

In the ICU, BIS monitoring has been shown to reduce recall of unpleasant experiences and provide objective sedation assessment during:

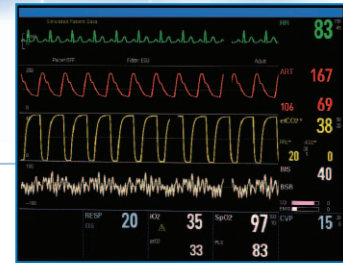
- Mechanical ventilation
- Neuromuscular blockade
- Barbiturate coma
- Bedside procedures

How BIS works

The **BIS** is a direct measure of the effects of anesthetic and sedative agents on the brain. Using a sensor placed on the patient's forehead, BIS monitoring translates brain electrical activity into a single number between 100 (wide awake) and zero (absence of brain electrical activity) that represents the patient's level of consciousness. This enables clinicians to customize the precise type and amount of anesthetic or sedative medication that each patient needs.

Sustained, reliable BIS measurement in the OR, ICU and other clinical settings.

- Resistant to artifact from electrocautery devices
- Detects and filters interference from EMG and other artifact conditions commonly found during:
 - MAC cases with sedation
 - Limited analgesia or neuromuscular blockade
- Dependable performance during cardiac and other deep anesthetics
- Family of sensors available: the BIS Quatro Sensor; BIS Extend Sensor; and BIS Pediatric Sensor



INFINITY BISx POD SPECIFICATIONS	
SYSTEM COMPATIBILITY	
Infinity Patient Monitors (Delta, Delta XL, Kappa, Kappa XLT*)	
Software Revision: VF5 or higher	
DISPLAY	
Parameters: BIS Index, Signal Quality Indicator, Burst Suppression Ratio, EMG, Total Power, Spectral Edge Frequency, Burst Count	
Trended Parameters: BIS, SQI	
BIS COMPONENTS	
Infinity BISx Pod	
Patient Interface Cable	
BIS PARAMETERS/FEATURES	RANGE
Trends	10 or 60 Minutes
Smoothing Rate	15 or 30 Seconds
Sensor Impedance Check	Automatic and Manual
Interval Length	1-24 Hour Interval
INFINITY BISx POD ORDERING INFORMATION	
Description	Order Code
Infinity BISx Pod	MSI4796
Draeger Medical, Inc. 3135 Quarry Road Telford, PA 18969 USA TEL +1.215.721.5400 Toll Free +1.800.437.2437 FAX +1.215.723.5935	

BIS SENSOR ORDERING INFORMATION

Part Number	Description	Quantity
186-0106	BIS Quatro Sensor	boxes of 25
186-0160	BIS Extend Sensor (US only)	boxes of 25
186-0200	BIS Pediatric Sensor	boxes of 25

To order BIS Sensors call:

Aspect Medical Systems, Inc.

USA: TOLL-FREE 1.888.BIS INDE(X)

TEL 1.617.559.7000 FAX 1.617.559.7400

Outside USA: TEL +31.30.662.9140 FAX +31.30.662.9150

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For more information on BIS, visit:

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* pending 510K