

Infinity® BISx® SmartPod® Patient Monitoring Pods

Incorporating the extended platform (XP) technology from Aspect Medical Systems, the Infinity® BISx® SmartPod® provides sustained, reliable BIS measurement in the OR, ICU and other clinical settings.



Benefits

Uses Bispectral Index® (BIS) technology

The Infinity BISx SmartPod incorporates BISx smart technology into Infinity patient monitors. The Bispectral Index® (BIS), a processed EEG parameter, can indicate the effects of sedation on the brain. The BISx pod allows you to measure BIS index, Signal Quality Index, Burst Suppression Ratio, Electromyography (EMG), Total Power, Spectral Edge Frequency, and Burst Count. One EEG waveform can be displayed.

The pod easily interfaces to Infinity Delta, Delta XL, and Kappa monitors via a standard pod communication channel.

Allows anesthesia to be delivered with more precision

Data gathered by the Infinity BISx SmartPod helps you deliver anesthesia with more precision, and enables you to assess and respond to a patient's changing condition during anesthesia.

Supports patient care in the OR, ICU and more

Incorporating the extended platform (XP) technology from Aspect Medical Systems, the Infinity BISx SmartPod provides sustained, reliable BIS measurement in the OR, ICU and other clinical settings.

BISx® and Bispectral Index® are registered trademarks of Aspect Medical Systems, Inc.

Technical Data

Measuring Capabilities

Displayed parameters	BIS Index, Signal Quality Index, Burst Suppression Ratio, EMG, Total Power, Spectral Edge Frequency, Burst Count
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BIS Index (BIS)

Measurement range	0 to 100%
Display resolution	1%

Signal Quality Index (SQI)

Measurement range	0 to 100%
Display resolution	1%

Burst Suppression Ratio (BSR)

Measurement range	0 to 100%
Display resolution	1%

Electromyography (EMG)

Measurement range	0 to 100 dB in the frequency range from 70 to 110 Hz
Display resolution	1 dB

Total Power (PWR)

Measurement range	40 to 100 dB
Display resolution	1 dB in the frequency range 0.5 to 30 Hz

Spectral Edge Frequency (SEF)

Measurement range	0.5 to 30 Hz
Display resolution	0.1 Hz

Burst Count (BCT)

Measurement range	0 to 30
Display resolution	1

PRODUCT SPECIFICATIONS

Physical Specifications

Size (H x W x D) (including clip)	95.3 x 114.3 x 63.5 mm (3.75 x 4.5 x 2.5 in.)
Weight	226.8 g (8 oz) without pod communication cable
Protection against electric shock	Type BF
Connections	PodCom for connection to monitor
Power source	Powered directly from monitor

Environmental Requirements

Temperature Range

Operating	10 °C to 40 °C (50 °F to 104 °F)
Storage	-20 °C to 40 °C (-4 °F to 104 °F)

Relative Humidity

Operating	20% to 90%, non-condensing
Storage	20% to 90% with packaging

Atmospheric Pressure

Operating	525 to 795 mmHg (70 to 106 kPa)
Storage	375 to 795 mmHg (50 to 106 kPa)

Technical Data

Standards

IEC 60601-1 and applicable particular and collateral standards,
IEC 60601-1-2, Electromagnetic compatibility CISPR 11, Class B,
EEG standard: IEC 60601-2-26. Infinity BISx SmartPod complies with the
Medical Devices Directive (MDD) 93/42 EEC and bears the CE mark.

Ordering Information

Infinity® BISx® SmartPod®	MS14796
BIS Quatro Sensor Starter Kit	MS15115
BIS Pediatric Sensor Starter Kit	MS15116

The BISx® pod is compatible with Infinity Delta, Delta XL or Kappa monitors with VF5 software or higher.

BIS, BISx and Bispectral Index are trademarks of Aspect Medical Systems, Inc., and are registered in the USA, EU and other countries.

The Infinity® BISx® SmartPod® is manufactured by Aspect Medical Systems.

Contact your local Draeger sales representative for further ordering information.

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