

Infinity® BISx™ SmartPod®

Now there's an easy and accurate way to measure the effects of sedation on your patient. The Infinity® BISx™ SmartPod incorporates BISx smart technology into Infinity patient monitors. The Bispectral Index® (BIS), a processed EEG parameter, indicates the effects of sedation on the brain. This data helps clinicians deliver anesthesia with more precision, and enables them to assess and respond to a patient's changing condition during anesthesia. 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.

Features:

- Uses Bispectral Index® (BIS) technology to measure the effects of sedation on the brain
- Allows clinicians to deliver anesthesia with more precision
- Enables quick response to changing patient conditions

Measuring Capabilities

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

BIS Index (BIS)

Measurement range 0 – 100

Display resolution 1

Signal Quality Index (SQI)

Measurement range 0 – 100%

Display resolution 1%

Burst Suppression Ratio (BSR)

Measurement range 0 – 100%

Display resolution 1%



TECHNICAL DATA

Electromyography (EMG)

Measurement range	0–100 dB In the frequency range from 70-110 Hz
Display resolution	1 dB

Total Power (PWR)

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

Spectral Edge Frequency (SEF)

Measurement range	0.5 – 30 Hz
Display resolution	0.1 Hz

Burst Count (BCT)

Measurement range	0 – 30
Display resolution	1
Protection against electric shock	Type BF

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)

Dimensions

Length	114.3 mm (4.5 in.)
Width	95.3 mm (3.75 in.)
Height	63.5 mm (2.5 in.)
Weight	226.8 g (8 oz) without pod communication cable

Ordering information

Infinity BISx Pod	MS14796
BISx Quatro Sensor Starter Kit	MS15115
BISx Pediatric Sensor Starter Kit	MS15116

Contact your Dräger Medical representative for monitor support, details and availability.

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The Infinity BISx pod is manufactured by Aspect Medical Systems.

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The quality management system at Draeger Medical Systems, Inc. is certified according to ISO 13485, ISO 9001 and Annex II.3 of Directive 93/42/EEC (Medical devices).