

# Infinity® BISx™ SmartPod®

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.



MT-3620-2004

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.

## 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

## 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



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**Infinity BISx SmartPod**  
Space-saving pod design with integrated mounting solution

**CONTINUING TECHNICAL DATA****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)

**Standards**

IEC 60601-1 (2nd edition) and applicable particular and collateral standards, IEC 60601-1-2:2007, Electromagnetic compatibility CISPR 11, Class B, EEG standard: IEC 60601-2-26:2002. 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, or the Infinity Kappa XLT with VF6 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 Dräger sales representative for further ordering information.

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