The **Aspect BIS Vista** is a Bispectral monitoring system is used to monitor the brain activity of patients. The BIS Vista works for both pediatric and adult patients. The Vista System monitors the state of brain function by processing data for EEG signals. The BIS Vista System can also monitor the effects of different anesthesia agents on patients to determine how much anesthesia is required for each patient during specific procedures. The Monitor can display the Current BIS number, Trend graph of the EEG parameters, and real-time EEG waveforms.

Features

- USB ports for system expandability and real-time updates
- Utilizes the BISX module platform
- Full-color, touch screen navigation
- Large LCD display
- User-configurable settings
- Integrated record keeping
- Alarms with user-adjustable limits and volumes
- Long battery life

SOMA TECH INTL • 166 HIGHLAND PARK DRIVE • BLOOMFIELD, CT 06002 • USA
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Specifications

Dimensions	Height: 8 in (20.3 cm) Width: 7.5 in (19 cm) Depth: 5 in (12.7 cm) Weight: 3.5 lbs (1.6 kg)
Display Size	Height: 4 in (10 cm) 5.25 in (13 cm)
General Specifications	Digital Output: USB Port a, b, R232 serial port power Requirements: 100-240 VAC, 50-60 Hz, 0.7ampere max. Battery Backup: 45 minutes at full operation Battery charge Time: 6 hours Software Updates: User-via USB port (Type A),/li> Operator Position: 3.3 ft (1 Meter) in front of the unit with display at eye level
EEG Specifications	Epoch Duration: 2 Seconds Artifcat Rejection: Automatic EEG Scales: 25 µV/div (± 1mV full scale) EEG Sweep: 25 mm/sec User-defined Displays: Trend and real-time EEG waveforms Update Rate: 1 second for BIS number, 10 seconds for trend
BISX Specifications	Weight: 10 oz (0.284 kg) including integral cable Dimensions: 3.75 in (9.5 cm) diameter x 2.5 in (6.3 cm) thick Cable length: 9 ft (2.7m) integral BISX Cable 4.5 ft (1.4 m) from BISX to sensor connector Analog to Digital Converter: noise-shaped sigma-delta Sample Rate: 16,384 samples/second Resolution: 16 bits at 256 samples/second Input Impedance: 50 M ohms typical (DC) 5 M ohms typical (at 10 Hz) Noise: < 0.3 µV RMS (2.0 µV Peak-to-peak); 0.25 Hz to 50 Hz Common Mode Rejection: 110 dB at 50/60 Hz to earth ground Frequency/Bandwidth: 0.16-100 Hz

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