

PT. CV Kharisma Utama

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Olympic Brain Monitor

Understanding an infant's brain health is a critical part of your treatment decisions. Use of continuous Cerebral Function Monitoring provides vital information to clinicians to assist with earlier diagnosis and treatment — the Olympic Brainz Monitor is the optimal CFM solution for fast & simple routine bedside monitoring.

General Specifications

Touch screen monitor:

Weight 14.33 lbs (10 kg)

Dimensions 16.46 x 13.46 x 4.53 in
(418 x 342 x 115 mm)

Data Acquisition Box (DAB):

Weight 10 oz (280 g)

Dimensions 2.98 x 5.75 x 1.23 in
(75.7 x 146.1 x 31.2 mm)

Roll Stand :

Weight 40 lbs (20 kg)

Dimensions 61.5 in height, 25 in base dia.
(1562 mm height, 635 mm base dia.)

Operation (all components)

Temperature 0 to 40 °C (32 to 104 °F)

Relative humidity 25 to 90% at 40 °C (non-condensing)

Display Real-time EEG Waveform

Rapid pens (aEEG, Impedance) - Computed

Rapid numeric (Impedance) - Computed

Histogram distribution over 15-second intervals (aEEG, Impedance)

Color TFT LCD with resistive touchscreen,
15" (381 mm) diagonal, TFT color,
1024 x 768 pixel native resolution

Power supply (integrated)

Power supply unit Integrated AC, medical grade

Power supply input voltage 100 - 240 VAC, 50/60 Hz, 4A - 2A

EEG specifications Sensitivity 50 μ Vpk full scale maximum sensitivity

(Dynamic Range 0.30 - 10000 μ Vpp (1-20 Hz)

Update Rate 200 Hz (EEG Waveform)

Data Acquisition Box (DAB) specifications :

Differential channels 3

Frequency response 0.5 Hz ~ 450 Hz

Analogue to digital converter SAR ADC (16x oversampling)

Sampling rate 2000 Hz

Resolution 16 bits

Sampling quantization 300 nV

Input impedance (DC) >50 M Ω

[Vendor Information](#)