



Conox[®] 2D

Smart Anaesthesia Monitoring

Data sheet

Two monitoring solutions in one device

Advanced digital processing algorithms for depth of anaesthesia monitoring

Both hypnotic effect and probability of response indices are measured from the same electrodes

Conox[®] 2D

Monitor main characteristics

Dimensions

215 x 150 x 65 mm

Weight

801 g

Display size

7" (154.08 x 85.92 mm)

Battery

3.7 Volts Li-ion battery
Capacity 3500 mAh
Rechargeable

Bluetooth[®]

5.0 Dual Mode, selectable, send only, up to 8 m

Patient Cable length

3 m

Indices performance

qCON index range

0 - 99

qNOX index range

0 - 99

EMG index range

0 - 100

SQI index range

0 - 100

BSR index range

0 - 100

Indices update rate

Every 1 s

qCON index advisory signal

Selectable, high and low limit, audio and visual

qCON / qNOX indices update time

Current values correspond to EEG signal down to 20 s, i.e. displayed indices represent a moving average of 20 s of patient data.

Indices trend graphing

Selectable, qCON, qNOX, EMG, BSR

Signal representation

EEG mode, Spectrogram mode

Lead off detection

Continuous

Sensor impedance check

Automatic every 15 min or on request via panel button

Technical specifications - EEG acquisition

EEG resolution

44.58 nV

Input noise

2.9 μ V peak to valley

CMRR

89 dB

Sampling frequency

1024 Hz

Input signal range

+/- 374 mV

Resolution

24 bit ADC

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