

# Tailor-made anaesthesia



Cerebral State Monitor™  
**size**  
 matters

Personal insight  
 with one touch

**Do you need an EEG solution that closely follows the depth of your patient's sleep and enables you to apply an individually tailored anaesthesia?**

With Danmeter's new pocket size Cerebral State Monitor™ it has never been easier to get an exact and always up-to-date status on your patients during sedation. Our solution makes it easy for you to tailor the anaesthesia in accordance with the condition of the individual patient.

At the same time we have been able to reduce physical dimensions, inconvenience, investment and running costs considerably.

Keep an eye on the technological possibilities when you have to keep an eye on your patients...



danmeter



Authorized Distributor:

**MEDICAL EQUIPMENT SPECIALISTS USA**

2555 N.W. 102 Ave. # 104 <> Miami <> FL 33172 <> USA  
 Tel: 786-401-7719 <> Fax: 305-501-4786 <> www.mes-usa.com

# Specifications

<b>EEG sensitivity</b>	±400µV
<b>Noise</b>	< 2µV <sub>pp</sub> , < 0.4µV RMS, 1-250 Hz
<b>CMR</b>	>140dB
<b>Input impedance</b>	>50MΩ
<b>Sample rate</b>	2000 samples/sec. (14 bits equivalent)
<b>CSI and update</b>	0-100. Filter 6-42 Hz, 1 sec. update
<b>EMG</b>	0-100 logarithmic. Filter 75-85 Hz, 1 sec. update
<b>BS%</b>	0-100%. Filter 2-42 Hz, 1 sec. update
<b>Digital output</b>	Wireless to RS232 link (ISM 2.4 GHz)
<b>Wireless range</b>	Up to 10 meters
<b>Display size</b>	32x17 mm
<b>Alarms</b>	High / Low with user selectable limit
<b>Artefact rejection</b>	Automatic
<b>Sensor impedance range</b>	0-10kΩ / measurement current 0.01µA
<b>Battery</b>	9V Alkaline or rechargeable* NiMH (6AM6/IEC:6LR61/ANSI:1604A )
<b>Supply current</b>	25mA (typical)
<b>Battery lifetime: Alkaline</b>	32h (stand alone) 18h (transmitting wireless)
<b>Battery lifetime: Rechargeable</b>	12h (stand alone) 8h (transmitting wireless)
<b>Weight</b>	130 g with battery
<b>Dimensions</b>	114x60x31 mm
<b>Classification</b>	Internal power supply/ Class II, type BF, continuous use
<b>Sensors</b>	Danmeter Neuro Sensors
<b>Cable length</b>	195 cm/77" with 35 cm/14" split
<b>Mounting options</b>	Velcro strip (42mm x 25mm)
<b>Memory</b>	Data recording 18 hours
<b>Monitor language</b>	English, Spanish, French, Greek, Italian, Dutch Norwegian, Portuguese, Finnish, Swedish, Danish, German
<b>Environment: Operation</b>	Temperature 10-40°C/50-104°F Rel. humidity 30-75% Air pressure 700-1060 hPa
<b>Environment: Transport and storage</b>	Temperature 10-40°C^/50-104°F Rel. humidity 30-95% Air pressure 700-1060 hPa

^ If transported without sensors: -20-70°C (-4-158°F)

## Wireless access to your CSM data

- ① **Integrated operation**  
 Get instant CSM information on your multi parameter monitor, PDM solution or CSM Link Software™\* from Danmeter.
- ② **Stand alone operation**  
 All the information you need is in the CSM display. Memory download options through CSM Link Software™\* from Danmeter.
- ③ **Same device**  
 – two solutions



\* Optional accessory

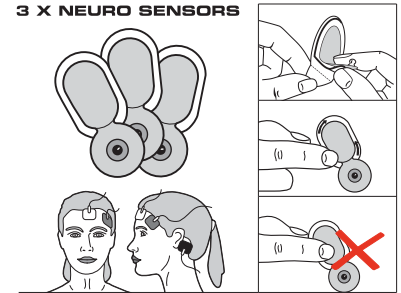
## CSM Procedure Pack



1 X SKIN PREP



3 X NEURO SENSORS



danmeter



Authorized Distributor:

**MEDICAL EQUIPMENT SPECIALISTS USA**

2555 N.W. 102 Ave. # 104 ↔ Miami ↔ FL 33172 ↔ USA  
 Tel: 786-401-7719 ↔ Fax: 305-501-4786 ↔ www.mes-usa.com