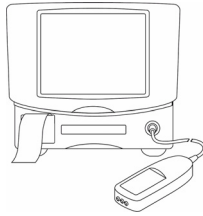


# Specification



# Olympic CFM 6000

## Intended Use

The Olympic CFM 6000 is intended to monitor the state of the brain by acquisition of EEG signals in the intensive care unit, operating room, and for clinical research.

## Dimensions

### Dimensions

12.25-in. high x 13.70-in. wide x 11.25-in. deep  
31.1-cm high x 34.8-cm wide x 28.6-cm deep

### Weight

17.5 lb                      7.9 kg

## Electrical

### Power Requirements

- Voltage: 100–240V~, universal input, single phase
- Consumption: 1.0A
- Frequency (current): 47–63 Hz

### Ground Impedance

Does not exceed 0.2V (CFM 6000 and power cord)

### Fuses

Two (2) internal 3AG, 2.5A, Slo-Blo, 250V with external access

## Environmental

### Temperature

- Operating:    65–85°F                      18–29°C
- Shipping:    -40–158°F                      -40–70°C
- Storage:      -13–113°F                      -25–45°C

### Relative Humidity (RH)

- Operating: 0–95%, non-condensing
- Non-operating: 0–100%, condensing

### Operating Altitude

Up to 6,560 ft                                      Up to 2,000 m

### Operating and Non-Operating Pressure

500–1060 hPa                                      14.7–31.3 inHg

## Controls

- Mains power switch changes device state on (I) and off (O)
- Touch-screen control buttons

## Display

- Super video graphics array (SVGA) liquid-crystal display (LCD) touch screen, with 32-bit color and 800x600 dpi resolution
- Minimum viewing angle of 120 degrees
- CFM, Impedance, and EEG displays
- English and more than 13 other languages

## Data Storage and Output

- Hard drive stores approximately 20,000 hours of data
- CD-RW drive
- Internal thermal printer

## Connections

- RS-232 I/O port
- RJ-45 (10/100) Ethernet port
- USB port for 60601-1–approved devices
- PS2 standard keyboard serial port
- PS2 standard mouse serial port
- Hospital-grade power cord

**Note:** Mouse and keyboard ports are intended for service use only.

## Connecting Cables

Cables that connect to the I/O ports must be of the following types and no greater than the following lengths:

- USB: two meters, shielded
- Serial: four meters, shielded
- Ethernet: five meters, Category 5

## Product and Accessories

Item	Catalog No.
<b>Olympic CFM 6000</b> . . . . .	62000
<small>Complete with power cord, amplifier module, printer paper, hydrogel electrodes, needle electrodes, and skin prep gel.</small>	
<b>Olympic CFM Cart</b> . . . . .	62080
<b>Paper</b> , thermal, 50-mm wide roll. . . . .	62066
<b>Electrodes – Hydrogel</b> , bag of 20 . . . . .	62050
<b>Electrodes – Hydrogel</b> , box of 100 . . . . .	62051
<b>Electrodes – Needle</b> , box of 10, 12 mm x 29 guage, sterile . . . . .	62056
<b>Electrodes – Needle</b> , box of 50, 12 mm x 29 guage, sterile . . . . .	62057
<b>NuPrep™ Skin Prep Gel</b> , 4-oz. tube (x3) . . . . .	102566N
<b>Electrode Cream</b> , 3.5-oz. tube . . . . .	60119
<b>Amplifier Module Clips</b> , bag of 5 (blanket clips) . . . . .	62065

## Regulatory, Electrical Safety, and Classifications

- FDA 510(k)
- CSA C/US and CB Scheme
- CE – EC CE541606 – EU Class IIb
- UL 60601-1
- EN 60601-1 / IEC 60601-1, Amendments 1 and 2
- Type of protection against electrical shock: Class I equipment
- Type BF patient-applied parts
- Ordinary equipment (IPX0)
- Not suitable for use in the presence of flammable anesthetic mixtures with air, oxygen, or nitrous oxide
- Continuous operation

## Service

Service can be performed by hospital technicians to the printed circuit board (PCB) level. Parts are often available on an overnight express basis.

## Warranty

Standard one-year warranty, with a no-charge loaner unit.

## Electromagnetic Interference

The CFM 6000 complies with IEC 60601-1-2(2001).

## Product Disposal

Disposal of the CFM 6000 does not require any special precautions. Follow local waste disposal regulations.

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