Portable Patient Monitor

FX 2000P

A multi-functional portable patient monitor with a 12.1” diagonal display. Due to its reasonable size, weight and durable internal batteries, the monitor is perfect to work as a portable device inside a hospital building.

It often comes with a functional trolley to enable easy usage. The monitor is operated by a touch screen, a knob or a trackball.

The FX 2000P portable patient monitor is used in hospital emergency wards, internal and neonatal wards.
Technical parameters FX 2000P

**GENERAL**

- **Power supply**: 100 - 240 VAC 50/60 Hz
- **Internal battery**: 12 VDC
- **Protection class**: I, CF
- **Safety requirements**: MDD: 93/42/EEC, 2007/47/EC; EN 60601-1

**LCD DISPLAY**

- **Colour display**: LCD TFT 12.1"
- **Number of channels**: 8/12
- **Sweep speed**: 3 - 50 mm/s
- **Trends**: 24 - 120 h
- **Medical alerts for all parameters**

**ECG MODULE**

- **Leads**: I, II, III, aVR, aVL, aVF, Vn
- **CMRR ratio**: > 100 dB
- **Sensitivity**: 2.5 - 40 mm/mV
- **Heart rate range**: 15 - 300 bpm
- **QRS complex detection**
- **Protection against**: - defibrillation impulse
  - high frequency disturbance
- **Pacemaker detection and signaling**

**ST MODULE**

- **ST level**: +/- 1 mV
- **Possibility of changing measurement points’ location**
- **Results displayed as numerical values and trends**

**RESPIRATION MODULE**

- **Respiration rate**: 0 - 150 rpm
- **Measurement method**: rheographic (impedance)
- **Apnea recognition time**: 5 - 60 s
- **Possibility of lead selection**
- **Respiration waveform displayed**

**NIBP MODULE**

- **Measurement range of transducer**: 10 - 300 mm Hg
- **Measurement mode**: manual, auto or STAT
- **Auto-mode repetition time**: 1 - 480 min
- **Cuff inflation**: automatic (air pump)
- **Measurement method**: oscillometric
- **Overpressure safety limits**: > 300 mmHg adults
  - > 150 mmHg neonates

**SpO₂ MODULE Nellcor OxiMax™**

- **Measurement range**: 0 - 100%
- **Accuracy**: 70% – 100%
- **Pulse rate**: 20 - 300 bpm
- **Acoustic signaling of saturation**
- **Plethysmographic wave displayed**

**IBP MODULE**

- **Measurement range**: -50 to +320 mmHg
- **Accuracy**: ± 1 mmHg
- **Input sensitivity**: 5 μV/mmHg
- **Number of channels**: 1, 2, 3 or 4
- **Pressure waveform displayed**

**TEMPERATURE MODULE**

- **Measurement range**: 0 - 50.0 °C
- **Resolution**: 0.1 °C
- **Number of channels**: 1 or 2

**CO₂ MODULE**

- **Measurement range**: 0 - 150 mmHg
- **Respiration rate**: 0 - 150 rpm
- **Apnea recognition time**: 5 - 60 s
- **CO₂ waveform displayed**

**MULTI GAS MODULE**

- **CO₂**: 0 - 100 mmHg
- **N₂O**: 0 - 100%
- **O₂**: 0 - 100%
- **Halothane**: 0 - 5.0%
- **Isoflurane**: 0 - 5.0%
- **Enflurane**: 0 - 5.0%
- **Sevoflurane**: 0 - 8.0%
- **Desflurane**: 0 - 18.0%

**CENTRAL STATION**

- **Colour display**: LCD TFT 17", 19"
- **Number of monitored patients**: from 1 to 32 patients
- **View mode**: Full view
  - Selective view 4, 8 patients or other
  - Selective single view 1 patient (copy of bedside monitor screen)
- **Data archiving**: full disclosure
- **Trends**: 24 - 120 h
- **Printout**: real time and from archive
- **Transmission type**: Ethernet

**ADDITIONAL OPTIONS**

- **Cardiac output module – invasive or non-invasive method**
- **Intracranial pressure module**
- **12-lead ECG module**
- **Advanced arrhythmia analysis**
- **Drug calculator**
- **Hemodynamic calculations**
- **Oxydiorespirogram**
- **Nurse call**
- **Thermal printer**
- **Full disclosure archive**
- **Alarms archive**
- **Transfer of patient data to PC**

Emtel reserves the right to make changes to this sheet and the product at any time without notice. Photos were taken in Bani Frañes Order Hospital in Katowice.