

Compact Patient Monitor

FX 3000



A compact patient monitor, which combines mobility with wide monitoring possibilities of many biological parameters. The monitor is made to supervise adults, children and neonates.

Due to the touch screen which comes in three variations: diagonal 15", 17" or 19", the device is comfortable and simple to use. It can be also operated by a knob.

The FX 3000 compact patient monitor is mainly used in internal and neurology wards, as well as children and neonatal wards.



**European quality,
worldwide recognition**

Over 20 years of experience, thousands of patient monitors and defibrillators sold in Europe, Asia, Australia, Africa and South America.

• Emtel worldwide

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 15", 17", 19"
Number of channels	8/12
Sweep speed	3, 6, 12.5, 25, 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	+/- 1mV
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 mm Hg adults > 150 mm Hg neonates

SpO₂ MODULE Nellcor OxiMax™

Measurement range	0 - 100%
Accuracy 70% - 100%	2%
Pulse rate	20 - 300 bpm
Acoustic signaling of saturation	
Plethysmographic wave displayed	

IBP MODULE

Measurement range	-50 to +320 mm Hg
Accuracy	± 1 mm Hg
Input sensitivity	5 µV/V/mm Hg
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 - 100 mm Hg
Respiration rate	0 - 150 rpm
Apnea recognition time	5 - 60 s
CO ₂ waveform displayed	

MULTI GAS MODULE

CO ₂	0 - 100 mm Hg
N ₂ O	0 - 100%
O ₂	0 - 100%
Halothane	0 - 5.0%
Isoflurane	0 - 5.0%
Enflurane	0 - 5.0%
Sevoflurane	0 - 8.0%
Desflurane	0 - 18.0%

CENTRAL STATION

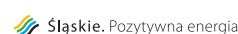
Colour display	LCD TFT 17", 19"
Number of monitored patients	from 1 to 32 patients
View mode:	
Full view	all patients
Selective view	4, 8 patients or other
Selective single view	1 patient (copy of bedside monitor screen)
Data archiving	full disclosure
Trends	24 - 120 h
Printout	real time and from archive
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
- Oxycardiopneurogram
- Nurse call
- 6 channel thermal printer
- Full disclosure archive
- Alarms archive
- Transfer of patient data to PC



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