

# COMPACT PATIENT MONITOR

## FX 3000



### Compact patient monitor which enables monitoring and supervision of patient's vital signs.

The measurement modules of the FX 3000 patient monitor can be configured according to the requirements of the end user. Due to wide range of parameters, the device can supervise adults, children and neonates.

Large and intuitive touch screen, which comes in three variations: diagonal 15", 17" or 19", makes the use of the monitor simple and comfortable. It can be also operated by a rotary knob.

The FX 3000 compact patient monitor is mainly used in internal and neurology departments, as well as pediatric and neonatal units or in private clinics.

### EUROPEAN PRODUCT SOLD AROUND THE WORLD

Over 25 years of experience, thousands of patient monitors and defibrillators sold in Europe, Asia, Australia, Africa and South America.



EUROPEAN QUALITY



EASY TO USE



RELIABLE

## TECHNICAL PARAMETERS

### GENERAL PARAMETERS

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 - 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 mmHg
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%	2 digits
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/V/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 - 100 mmHg
Respiration rate	0 - 100 rpm (other options available)
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%

### COOPERATION WITH CENTRAL STATION

Colour display	LCD TFT 19", 24"
Number of monitored patients	from 1 to 32 patients or more
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  
 Telemetry  
 Depth of anaesthesia  
 Advanced arrhythmia analysis  
 Drug calculator  
 Hemodynamic calculations  
 Oxycardiogram  
 Nurse call  
 6 channel thermal printer  
 Full disclosure archive  
 Alarms archive  
 Transfer of patient data to PC  
 And many others

