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 QUALITY
EASY TO USE
RELIABLE

Over 25 years of experience, thousands of patient monitors and defibrillators sold in Europe, Asia, Australia, Africa and South America.
**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**: +/- 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**: 0 - 300 mmHg
- **Measurement mode**: manual, auto or STAT
- **Auto-mode repetition time**: 1 - 480 min
- **Cuff inflation**: automatic (air pump)
- **Measurement method**: oscilometric
- **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
- **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**: all patients
  4, 8 patients or other
  1 patient
- **Data archiving**: (copy of bedside monitor screen)
  full disclosure
  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
- Oxycardiorespirogram
- Nurse call
- 6 channel thermal printer
- Full disclosure archive
- Alarms archive
- Transfer of patient data to PC
- And many others