

## CRYSTAL MEDICAL SYSTEMS



### **EROS / EROS PRO** **Expandable Patient Monitor**

- 10.4" and 12.1" colour TFT display with 7 waveforms
- Suitable for adult, pediatric and neonatal patient care
- Basic parameters (ECG, RESP, DUAL-TEMP, SpO2, NIBP) in a durable case for bedside monitoring and transport
- Audible and visual alarms with adjustable alarm ranges
- Full mounting solutions including wall mount, rolling stand
- Networkable with central monitoring system
- Powerful data management and storage capacity (75-hours graphic and tabular trends for all parameters, 300 NIBP measurement, 60 events, 20 arrhythmia events with wave-forms, etc.)

## EROS / EROS PRO Expandable Patient Monitor

### Technical Specifications

#### Safety

Meet requirement of IEC60601-1

#### Dimension and weight

Dimension : 335 x 270 x 200 (mm)  
Weight : 4 kg

#### Power Supply

Power Source : AC mains power or internal battery power  
Power Requirements : AC 220V (10%)  
Line Frequency : 50 Hz (+\_1Hz)  
Consumption : 60 W

#### Operation Environment

Temperature : 10 C to 30 C (50 F to 86 F)  
Humidity : 15% to 70%, non condensing

#### Patient Range

Adult, Pediatric and neonatal

#### Performance Specification

Display : 10.4"212.1" color active matrix TFT  
Resolution : 800x600  
Trace : 7 waveforms  
Sweep Speed : 12.5, 25, 50mm/s  
Alarm indicator light  
Power Indicator light  
Audio indicators for QRS beep and alarm sound  
Interface : Networking  
Battery : Rechargeable  
Trend time : 1-75 hours  
Alarm : 3-level audible and visual alarm  
Recorder (optional) : Built-in, thermal array, 3 channels  
Record width : 40mm (record paper 50mm)  
Record speed : 25mm/s, 50mm/s

#### ECG

Lead Type : 5 lead  
Input : 5-lead (RA;LA;RL;LL;V)  
Lead Selection : 5-lead; I ; II ; III  
ECG Waveform : 1 Channel  
Gain Selection : x0.5, x1, x2, auto  
Sweep Speed : 12.5mm/s 25mm/s  
Heart rate range : 25-200BPM  
Accuracy : 1 BPM  
Anti electro-surgical interference and defibrillation

#### Standard Configuration

ECG, RESP, NIBP, TEMP, SP02

#### Options

EtC202, IBP, FHR, Thermal Recorder, Li-Ion Battery, Wall Mounting, Trolley

CMRR : Diagnostic mode > 60db  
Monitor mode > 60db  
S-T Detection : YES  
Measurement range : -2.0mV-2.0mV  
Arrhythmia analysis : YES  
Alarm : YES, Audible and visual alarm, alarm events recallable

#### Respiration

Method : RA-LL impedance  
Measurement Range : 20-250BrPM  
Resolution : 1 BrPM  
Accuracy : 2% or 2 BrPM, Whichever is Greater  
Apnea Alarm : YES, and apnea delay : 10-40 Seconds

#### NIBP

Method : Oscillometric  
Operation Modes : Manual/Automatic  
Measurement Unit : mmHg/kPa selectable  
Measurement Type : Systolic pressure, Diastolic pressure and mean pressure  
Measurement range : Systolic pressure, 50-240mmHg  
Diastolic pressure : 25-180mmHg  
Mean pressure : 30-200mmHg  
Over Pressure Protection : YES  
Resolution : 1 mmHg  
Alarm : Systolic, Diastolic and Mean

#### Temperature

Scale : C and F selectable  
Measurement Range : 27C-45C  
Resolution : 0.1 or 0.1F  
Channel : 1 Channel

#### SpO2

Range : 0-100%  
Accuracy : 70%-100% (+\_2%)  
0%-69% : Unspecified

#### Pulse Rate

Range : 20-254BPM  
Accuracy : 3 BPM

### Contact :

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