M3/M3B

Vital Signs Monitors

M3 (SpO_2+NIBP+Quick TEMP / SpO_2+NIBP / NIBP+Quick TEMP / SpO_2 only / NIBP only) & M3B (CO_2+SpO_2): EDAN M3 Series Vital Signs Monitor has made its mark in out-patient department and doctors' office for its accuracy, durability and cost-effectiveness by SpO_2, NIBP, Quick TEMP and CO_2 monitoring. Its portability and multi-parameter functionality address vital signs monitoring needs.

- 5.7 inch high resolution display for easy reading
- Lightweight, portable design and user-friendly interface for easy operation
- Flexible configurations to meet different clinical needs
- Nellcor OximaxTM / EDAN SpO_2
- Quick Temp thermometer to obtain temperature in approximately 15 secords
- PR measurement (from SpO_2/ NIBP)
- Respironics Loflo™ sidestream and CAPNOSTAT® 5 $ETCO_2$ mainstream measurement(M3B)
- Real-time parameters measurement display with trend table for easy reviewing
- Built-in rechargeable Lithium-ion battery for 10 hours continuous working
- Powerful storage capacity
- Bi-directional communications with central station by wired or wireless network
- Nurse call
- Suitable for adult, pediatric and neonatal patients

Quick, accurate and easy to use

Real-time data or USB data can be transferred to a PC through PC mangement software to review and print

Respironics Loflo® sidestream and CAPNOSTAT™ 5 $ETCO_2$ mainstream measurement for intubated and non-intubated patients(M3B)

Powerful storage capacity: 72 hours trend review of all parameters, 30,000 sets NIBP review, 800 items alarm review and USB data storage

M3/M3B

Vital Signs Monitors

Classification

Anti-electroshock typeClass I equipment and internal powered equipment
EMC typeClass A
Anti-electroshock degree
SpO2, NIBP: BF Defibrillation type;TEMP:CF type.
Ingress Protection IPX1 (W/O Temp module)
IPX1 (withTemp module)

Specifications

Size and Weight
Size200.8mm (L) x 241mm (H)x 189 mm (D)
Weight3 kg
Display
5.7 inches,LCD
Color TFT resolution: 640X480
Power Supply
100-240 VAC, 50/60HZ
Pmax=70VA FUSE T 1.6AL
Battery
Type: Lithium-ion
Voltage:14.8 V DC Capacitance:4,400 mAh
Working period Color TFT 480min
Rechargeable period < 360min
Recorder (Optional)
Record Width 48 mm
Paper Speed 25mm/s

NIBP (M3 only)

Method Oscillometric
Mode Manual, Auto, Continuous
Measuring Interval in AUTOMode
1/2/3/4/5/10/15/30/60/90/120/240/480 Min
Continuous 5min, interval is 5s
Measuring Type SystolicPressure, Diastolic Pressure, Mean Pressure
Measuring Range
Adult Mode
SYS 40~270mmHg
DIA 10~215mmHg
MAP 20~235mmHg
Pediatric Mode
SYS 40~200mmHg
DIA 10~150mmHg
MAP 20~165mmHg
Neonatal Mode
SYS 40~135mmHg
DIA 10~100mmHg
MAP 20~110mmHg
Cuff Pressure measuring Range 0~290mmHg
Pressure Resolution 1mmHg
Maximun mean error 5mmHg
Maximum Standard deviation 8mmHg
Entire Measuring Period 30~45s typical (depend on HR/motion disturbance)
Dual Overpressure protection
Adult 297±3mmHg
Pediatric 240±3mmHg
Neonatal 145±3mmHg
PR
Measuring Range 40~240bpm
Resolution 1bpm
Accuracy ±3bpm or 3.5% of the maximum
IEC 60601-2-30

SpO2 (EDAN)

Measuring Range 0 ~ 100 %
Alarm Range 0 ~ 100 %
Resolution 1 %
Accuracy
Adult (including Pediatric)
±2%（70%~100% SpO_2）
Undefined（0~70% SpO_2）
Neonate ±3%（70%~100% SpO_2）
Undefined（0~70% SpO_2）
Pulse Rate
Measuring and Alarm Range 30 ~ 300bpm
Resolution 1bpm
Accuracy ±3bpm
Data update period 2s
ISO 9919

SpO2 (optional, by Nellcor OxiMax™)

Measuring Range 1 ~ 100 %
Alarm Range 1 ~ 100 %
Resolution 1 %
Accuracy
Adult and Low-perfusion
±2%（70%~100% SpO_2）
Undefined（0~70% SpO_2）
Neonate ±3%（70%~100% SpO_2）
Undefined（0~70% SpO_2）
Pulse Rate
Measuring and Alarm Range 20~300bpm
Resolution 1bpm
Accuracy ±3bpm

Quick Temperature

Measuring Range 25℃~ 45℃
Probe Type Oral/Axillary sensor
Rectal sensor
Resolution 0.1℃
Accuracy Monitor mode: ±0.1℃
Typical measurement time <15s
Update time 1s ~ 2s
IEC 12470-4

Respironics CO_2 (M3B only)

CO_2 (Mainstream and Sidestream, optional)
By Philips Respronics CAPNOSTAT 5® & LoFlo™ Technology
Range: 0 ~ 150 mmHg
Accuracy: ±2% 0 ~ 40 mmHg
±5% 41 ~ 70 mmHg
±8% 71 ~ 100 mmHg
±10% 101 ~ 150 mmHg
AwRR Accuracy: ±1rpm
Convenient design for intubated and non-intubated applications
Possible to work at lowsample flow rate: 50ml/min
Detailed specification refer to the user manual of Respironics
ISO 21647

Configuration	SpO_2	NIBP	Quick TEMP	CO_2
M3 (SpO_2 only)	√	—	—	—
M3 (NIBP only)	—	√	—	—
M3 (NIBP+Quick TEMP)	—	√	√	—
M3 (SpO_2+NIBP)	√	√	—	—
M3 (SpO_2+NIBP+Quick TEMP)	√	√	√	—
M3B (SpO_2+CO_2)	√	—	—	√

EDAN

EDAN INSTRUMENTS, Inc.
3F-B, Nanshan Medical Equipments Park,
Nanhai Rd 1019#, Shekou, Nanshan, Shenzhen,
518067 P.R. China
Tel:+ 86-755-2689 8326 Fax: +86-755-2689 8330
www.edan.com.cn Email: info@edan.com.cn

CE 0123

Distributor: