



ESV6

Vital signs monitor



INTENSIVE CARES



ESV6

General:

Size and Weight

- Size: 160×130×260mm (W×H×D)
- Weight: (2.5 kg) (Including a lithium battery)

Display

- Type: 7" Color Anti-glare TFT LCD
- Resolution: 234×480 pixels

Power supply

- Input voltage: AC: 100V~240V, 50Hz/60Hz
- Input power: 70VA

Battery

- Type: 11.1V 4000mAh rechargeable lithium ion battery
- Operating time: >8 hours
- Charge time: 6h to 100% (Standby)

Data Storage

- Clinic Mode:
 - Patient quantity: 1000
 - Recording number: 16000
 - Single patient clinic record number: 1~16000
- Monitor Mode:
 - Patient quantity: 1
 - Trend data: resolution 1Min: can store 96 hours
 - resolution 5 Min: can store 480 hours
 - resolution 10 Min: can store 960 hours
 - Alarm events: 1000
 - NIBP measurement record: 5000

Environmental Specifications

- Operating
 - Temperature: (5~40) °C
 - Humidity : ≤85% (noncondensing)
 - Atmospheric Pressure: (700~1060) hPa
- Transportation and Storage
 - Temperature: (-20~+55)
 - Humidity : ≤93% (noncondensing)
 - Atmospheric Pressure: (500~1060) hPa

PR

- Measurement range: 20~250 bpm
- Resolution: 1 bpm
- Accuracy: ±1% or ± 1 bpm, whichever is the greater

Performance:

Digital SpO₂

- Measurement range (0~100) %
- Resolution: 1%
- Accuracy: ± 2% (70%~100%)
- ± 3% (35%~69%)
- unspecified (0~34%)

Masimo SpO₂(Option)

- Measurement range: (0~100)%
- Resolution: 1%
- Accuracy: ±2% (70% to 100%) (adult/pediatric, non-motion conditions)
- ±3% (70% to 100%) (neonate, non-motion conditions)
- ±3% (70% to 100%) (motion conditions)
- Unspecified (0% to 69%)

Nellcor SpO₂ (Option)

- Measurement range: (0~100) %
- Resolution: 1%
- Accuracy: ± 2% (70%~100%) (adult)
- ± 3% (70%~100%) (neonate)
- ± 2% (70%~100%) (low perfusion)
- unspecified (0~69)%

NIBP

- Technique: Automaticoscillometry
- Range: Adult: 10~270mmHg
- Child: 10~235mmHg
- Neonate: 10~135mmHg
- Accuracy: Static ±3 mm Hg
- Clinic: Average error: ±5 mmHg
- standard deviation: ≤8 mmHg
- Unit: mmHg.kPa
- Pulse rate range: 40-240 bpm

Side stream EtCO₂ (Option)

- Sample flow rate: 50 ml/min ± 10 ml/min
- Measurement range: (0~19.7) %, (0~150 mmHg)
- Resolution: 0.1% or 1mmHg
- Unit: %, mmHg, kPa
- Accuracy: ±2 mmHg 0 mmHg to 40 mmHg,
- ±5% of reading 41 mmHg to 70 mmHg,
- ±8% of reading 71 mmHg to 100 mmHg,
- ±10% of reading 101 mmHg to 150 mmHg,

Covidien Filac 3000 Oral Quick Thermometer

- Accuracy : Quick Mode: (Oral) +/- 0.3° C (+/-0.6 ° F)
- Direct Mode: +/- 0.1° C (+/-0.2° F)
- Measurement Response Time: <4 second Oral
- Temperature Range : 30 ° C - 43.0 ° C (86.0 ° F - 109 ° F)

Standard Configuration

NIBP, digital SPO₂, PR, Lithium Battery

Option

Masimo SpO₂, Nellcor SpO₂, Side-Stream EtCO₂, Instant infra-Red ear thermometer, Barcode Scanner, Touch Screen
Covidien Filac 3000 Oral Quick Thermometer



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