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% (70~100%) (adult/pediatric, non-motion conditions)
  - ±3% (70~100%) (neonate, non-motion conditions)
  - ±3% (70~100%) (motion conditions)
  - Unspecified (0~69%)

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: Automaticosilometry
- 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