

VitalCare[™] Series Patient Monitors

MULTIPLE CONFIGURATIONS | BATTERY MANAGEMENT | COST EFFECTIVE

Proprietary ComfortCuff[™]NIBP, pulse oximetry and predictive temperature in one compact, easily transported monitor. Ideal for spot-checks or continuous vital signs monitoring.



Features

- Proprietary ComfortCuff[™] NIBP measures on inflation for faster, more comfortable readings.
- Choice of Criticare's DOX[™] digital SpO2 or Nellcor OxiMax[™] SpO2 technology.
- Audible and visual alarms are adjustable; providing instant notification in the manner you need them.
- Optional FILAC FasTemp[™] or Alaris TurboTemp[™] predictive temperature for quick, accurate measurements.
- Optional internal printer for on-demand, automatic interval, trends or multi-patient reports.

Spot-check or continuously monitor three critical parameters - on neonates to adults - with a single monitor.

Designed to travel everywhere you do, the VitalCare[™] Series of patient monitors with integrated carry handle attach quickly and easily to IV pole mounts or rollstands. Available in multiple configurations - with choice of Criticare or Nellcor oximetry - these VitalCare[™] monitors provide maximum versatility and cost-effectiveness.

Smart battery management allows up to 100 NIBP measurements on a single charging. With a compact design that is easily set-up for spot-checks or continuous monitoring, the VitalCare[™] Series patient monitors adapt readily to hospital, clinical and transport requirements.

VitalCare[™] Series Patient Monitors

Technical Specifications

NIBP (Non-Invasive Blood Pressure)

Technique: Measurement Cycle: Automatic Measurement Cycles (Selectable): STAT Mode: Inflation Pressure Range:

Resolution: Transducer Accuracy:

Clinical Accuracy:

Pulse Oximetry Range: Resolution: Accuracy (DOX[™] only):

Accuracy (OxiMax[™] only):

Method: Audio:

Heart (Pulse) Rate Range Accuracy (DOX[™] only):

Accuracy (OxiMax[™] only):

Update time: Resolution: Pulse Volume

Temperature (FILAC)

Type: Method: Channels: Range: Accuracy Continuous Mode: Accuracy Predictive Mode:

Resolution: Predictive Response Time:

Temperature (Alaris)

Type: Method: Channels: Predictive Mode Range: Continuous Mode Range: Accuracy:

Resolution: Response Time:

Alarms Indication: Volume: Silence:

Trends Memory: Parameters: Report Types: Oscillometric during inflation < 40 sec. typical 1 to 60 minute; 2 to 4 hour; STAT

5 minutes of continuous readings Adult: 30 to 300 mmHg Pediatric: 30 to 150 mmHg Neonate: 20 to 150 mmHg 1 mmHg ±2 mmHg or ±2% of reading, whichever is greater over full range SP-10:2002

1% to 99% 1% 70% to 99% range: ±2% 50% to 69% range: ±3%; < 50%: unspecified 70% to 99% range: ±2% < 70%: unspecified Dual wavelength LED Tone with each detected pulse; pitch varies with saturation

20 to 300 bpm Greater of ±1 bpm or ±1% of reading Unspecified for <30 or >240 bpm Greater of ±1 bpm or ±1% of reading Unspecified for <30 or >240 bpm 1 second 1 bpm 10 levels or Off

FasTemp" Predictive or continuous 86° to 109.4°F (30° to 43°C) ±0.2°F (±0.1°C) ±0.2°F (±0.1°C) for ranges 37° to 39°C (Compliant with EN 12470-3 and ASTM E1112:98) ±0.1°F or ±0.1°C Oral: 10 seconds typical; Axial: 10 seconds typical; Rectal: 10 seconds typical

TurboTemp™ Predictive or continuous

96° to 106°F (35.6° to 41.1°C) 80° to 106°F (26.7° to 41.1°C) ±0.2°F (±0.1°C) (measured in calibrated water bath while in continuous mode) ±0.1°F or ±0.1°C 10 seconds typical (oral)

Audible; Visual 10 levels or OFF Yes; 2 minutes or permanent

Last 24 hours NIBP, SpO2, pulse rate, temperature Single patient or Multi-patient; Selectable formats

Display Type:

Parameters: Status: Text:

I FD

Patient Size

Dutch, Danish

Thermal array

1 sealed lead acid

8.0 hours, typical

6.5 hours, typical

Class I Equipment

32° to 113°F (0° to 45°C)

23° to 122°F (-5° to 50°C)

15% to 90%, noncondensing

Type CF, Defibrillator-proof

Alphanumeric LCD

Serial, RS 232 compatible

Auto on BP; Auto on Alarm; Off

Base unit with battery: 6.95 lbs; 3.1 kg

22 cm (H) x 18 cm (W) x 16.5 cm (D)

100, 120, 220, 240 VAC; 50/60 Hz

Base unit: 8.7 in (H) x 7.1 in (W) x 6.5 in (D)

SpO2, pulse rate, NIBP, temperature, pulse bar

1 to 60 minute intervals; 2 to 24 hour intervals;

Alarm Silence; Sensor; Low Battery; External Power;

English, French, German, Italian, Portuguese, Spanish,

Languages: System Outputs

COM Port: Printer (optional) Type: Tabular Mode:

Physical Properties Weight: Size:

Power Requirements Voltage: Battery: Battery Life: Recharge Time:

Environmental Operating Temperature: Storage Temperature: Operating Humidity:

Classification **Electrical Protection:** Degree of Protection: Protection Against Ingress: IPX1, Drip-proof Equipment

CE mark not applicable to TurboTemp[™] models. Quality systems registered to ISO 13485 and CE marking per Annex II, Clause 3 of Council Directive No. 93/42/EEC concerning medical devices.

Configurations Available

506N3	NIBP
506NP3	NIBP, printer
506NT3	NIBP, FILAC FasTemp [™] temperature
506NTP3	NIBP, FILAC FasTemp [™] temperature, printer
506DN3	NIBP, DOX [™] SpO2
506DNP3	NIBP, DOX [™] SpO2, printer
506DNT3	NIBP, DOX [™] SpO2, FILAC FasTemp [™] temperature
506DNTP3	NIBP, DOX [™] SpO2, FILAC FasTemp [™] temperature, printer
506LN3	NIBP, OxiMax [™] SpO2
506LNP3	NIBP, OxiMax [™] SpO2, printer
506LNT3	NIBP, OxiMax [™] SpO2, FILAC FasTemp [™] temperature
506LNTP3	NIBP, OxiMax [™] SpO2, FILAC FasTemp [™] temperature, printer
506NV3	NIBP, TurboTemp [™] temperature
506NVP3	NIBP, TurboTemp [™] temperature, printer
506DNV3	NIBP, DOX [™] SpO2, TurboTemp [™] temperature
506LNV3	NIBP, OxiMax [™] SpO2, TurboTemp [™] temperature
506DNVP3	NIBP, DOX [™] SpO2, TurboTemp [™] temperature, printer
506I NVP3	NIBP OxiMax [®] SpO2_TurboTemp [®] temperature_printer



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