

The **Criticare eQuality 506DV Vital Signs Monitor** offers non-invasive blood pressure (NIBP) monitoring, heart rate and blood oxygen saturation (SpO2). It features both spot checking and only try monitoring. With its light weight design it can easily be carried or attached to a rolling stand. The Criticare equality monitor can either run off of ac power or by chargeable battery power. The memory on the eQuality vital sign monitor can store up to 250 reading and is easy to use with its large keys. The device can be connected to a network system to make management easy.

Features

- Proprietary ComfortCuff NIBP measures on inflation for faster, more comfortable readings.
- Criticare's DOX digital SpO2 technology with waveform display.
- Audible and visual alarms are adjustable for use in continuous monitoring.
- Large responsive keys for fast spot checking with an easy to clean membrane keypad.
- On-screen menu selection for ease of setup and use.
- Adult. pediatric and neonate settings for a complete range of patients.
- Nurse call and connectivity to network systems.
- Trend last 24 blood pressure measurements with heart rate and SpO2.
- Direct main (AC) power so no adapter is required.



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Specifications

Size: 8 in (H) x 5.5 in (W) x 5.75 in (D): 20.3 cm (H) x 14 cm (W) x 14.6 cm (D) Non-Invasive Blood Pressure Technique: Oscillometric measure upon inflation Measurement Time: <40 seconds typical; 0 to 300mm Hg; standard adult culf Automatic Measurement Cycles: 1 - 60 minute; 2 - 4 hour; STAT Inflation Pressure Range: 30 to 300mmHg (Adult) 30 to 150mmHg (Pediatric) 20 to 150mmHg (Pediatric) 20 to 150mmHg (Neonate) Resolution: ImmHg Clinical Accuracy: SP-10:2002 Transducer Accuracy: 22mmHg or ±2% of reading, whichever is greater, over full range STAT mode: 5 minutes of consecutive readings Range: 1% to 99% Resolution: 1% Accuracy: 70% to 99% range: ±2%; So% to 69% range: ±3%; <50% to 99% range: ±2%; So% to 69% range: ±2%; So% to 99% range: ±2%; Method: Dual wavelength LED Audio: Tone with each detected pulse; pitch varies with saturation Heart (Pulse) Rate Range: 20 to 300bpm Accuracy: Greater of ±1bpm or ±1%, of reading Unspecified for <30 or >240 bpm Resolution: 10 levels or Off Silence: Yes; 2 minutes or permanent Trend Memory Memory: Last 24 NIBP measurements Parameters: Systolic, Diastolic, MAP, Pulse Rate (records Sp02 pulse rate and Sp02 saturation if oximetry is monintered) Displays	Physical Properties	Mechanical Weight: 4.5 lbs; 2 kg
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		Parameters: NIBP, SpO2, pulse rate plethysmograph
Languages: English and Spanish		Status: Alarm Silence; Sensor; Low Battery; External Power; Patient Size
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Specifications

System Output	Nurse Call: Contact switch; 3.5 mm phone jack Com Port: Serial, RS 232-compatible Settings: External printer or CUSP
Power Requirements	Voltage: 100 to 240 VAC, 50 to 60 Hz Battery: Rechargeable Battery Life: 8 hours typical Recharge Time: 6 hours
Environmental	Operating Temperature: 32° to 104° F; 0° to 40° C Storage Temperature: -4° to 149° F;20° to 65° C Operating Humidity: 5% to 95%, non-condensing Classification Type of Protection: Class I equipment Degree of Protection: Type CF defibrillator-proof equipment Protection against Ingress: IPX1 rating, Drip-Proof Equipment

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