

## SPECIFICATIONS

### Noninvasive Blood Pressure (NIBP)

Cuff Pressure Range	0 to 300 mmHg
Initial Cuff Inflation	160 mmHg (adjustable)
Systolic Range	60 to 250 mmHg
Diastolic Range	30 to 160 mmHg
Mean Arterial Pressure Range	40 to 190 mmHg
Blood Pressure Accuracy	Blood pressure meets or exceeds SP10:1992 AAMI standards
Blood Pressure Determination Time	20-45 seconds typical
Overpressure Cutoff	315 mmHg $\pm$ 15 mmHg
Pulse Rate Range (using BP determination)	40 to 200 bpm
Pulse Rate Accuracy (using BP determination)	$\pm$ 5%

### Temperature

Measurement Range	86 °F to 109.4 °F (30 °C to 43 °C)
Calibration Accuracy	$\pm$ 0.2 °F ( $\pm$ 0.1 °C) (Monitor Mode)
Determination Time	Oral—Approximately 4 seconds Axillary—Approximately 10 seconds Rectal—Approximately 15 seconds
Probe	Oral/Axillary—Blue cap Rectal—Red cap

### SpO<sub>2</sub>

Performance Measurement Range	70% to 100%
Pulse Rate Range	25 to 240 bpm

## Ordering Information

4200B	Spot Vital Signs—BP only (includes Pulse Rate and MAP)
420TB	Spot Vital Signs—BP, Temperature
42M0B	Spot Vital Signs—BP, Masimo Pulse Oximetry
42N0B	Spot Vital Signs—BP, Nellcor Pulse Oximetry
42MTB	Spot Vital Signs—BP, Masimo Pulse Oximetry, Temperature
42NTB	Spot Vital Signs—BP, Nellcor Pulse Oximetry, Temperature
4200-60	Mobile Stand (-M)
4200-62	Wall Mount
4200-64	IV Pole Mount
4200-170	Connectivity Accessory Kit with PC IR Adaptor

*Note: For all models above, use a letter suffix to designate language and a number to designate voltage (e.g., 42M0B-E1).*

*Languages: E=English, F=French, G=German, I=Italian, S=Spanish, P=Portuguese, C=Chinese  
Voltages: 1=North America, 2=Europe, 4=UK, 6=Australia*



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Only Nellcor OxiMax<sup>®</sup> pulse oximetry sensors should be used with the Nellcor pulse oximetry option. Nellcor and OxiMax are registered trademarks of Nellcor Puritan Bennett, Inc.

SpO <sub>2</sub> Accuracy	Masimo: $\pm$ 2 digits Nellcor: $\pm$ 3 digits
Pulse Rate Accuracy	Masimo: $\pm$ 3 digits Nellcor: $\pm$ 3 digits

### Mechanical

Dimensions	Height: 9.7 in (24.6 cm) Length: 5.7 in (14.5 cm) Depth: 4.7 in (12.0 cm)
Weight	Approximately 4.6 lbs (2.1 kg)

### Electrical

AC Power Supply	7.2 V DC at 1.0 A Rechargeable sealed lead acid internal battery
Battery Recharge Time	90% to 100% after 12 hours Simultaneously operates device and charges battery when AC power adapter is plugged in
Operating Time	A fully charged battery supports 150 typical blood pressure determinations at 7-minute intervals

### Environmental

Operating Temperature	50 °F to 104 °F (10 °C to 40 °C)
Operating Relative Humidity	15% to 90% (noncondensing)
Operating Altitude	-557 ft to +16,000 ft (-170 m to +4,877 m)
Storage Temperature	-4 °F to 122 °F (-20 °C to 50 °C)
Storage Humidity	15% to 90% (noncondensing)
EMC Standard	IEC/EN 60601-1-2

### Warranty

Two-year warranty on parts and labor

*The Spot Vital Signs can be used on a mobile stand, mounted on a wall, or attached to an IV pole mount.*



Advancing Frontline Care™