

Expandable Spot Vital Signs Device
With BP, Temperature, and SpO₂


SunTech[®] **247**[™]
BP + VITALS

One Touch Automated & Manual Blood Pressure



Auto & Manual BP Measurement



Mobile Stand, Table or Wall Mount



Temp & SpO₂ Module Options



+ Manual SphygMode™ for real-time verification of readings

+ Affordable clinical-grade blood pressure

+ Options

- Thermometry module
- Pulse oximetry (SpO₂) module
- Hospital-grade mobile stand, tabletop or wall mount
- Full range of BP cuff sizes available
- Rechargeable internal battery
 - 200 measurements within a 12-hour period,
 - 8–12 hours per charge
- Bluetooth® wireless EMR/EHR interface via VitalShare™ Vitals Management Software



SunTech® 247™ BP module in Manual SphygMode™

+ Automated BP Specification:

- BP Measurement:** Oscillometric
- Measurement Range:** Systolic: 60–270 mmHg
Diastolic: 30–170 mmHg
Heart Rate: 30–200 bpm
- BP Read Time:** Typically: 30–40 seconds
- Accuracy:** BHS (A/A), ESH, AAMI SP10: 2002
- Heart Rate Accuracy:** ± 2% or ± 3bpm, whichever is greater

+ Manual SphygMode BP Specification:

- Deflate Rate:** 3 mmHg/sec (Meets AHA Recommendations)

+ SpO₂ Specification:

- Performance Measurement:** 40–100%
- Accuracy:** 70–100% ± 2 digits

+ Thermometry Specification:

- Temp Predict Time:** 10–15 seconds
- Temperature Range:** 30° C (86° F) to 40° C (109.4° F)
- Calibration Accuracy:** ± 0.1° C (± 0.2° F)
- Probe & Probe Well:** Oral/Axillary (Blue), Rectal (Red)

+ Mechanical Specification:

- Dimensions:** 5.5 x 11.5 x 3.8 in (14 x 29.2 x 9.7 cm)
- Weight:** 4.25 lbs [1.93 kg (Battery BP, Temp & SpO₂)]

Description	SpO ₂ Opt.	Part Number	PN (Bluetooth®)
Battery Mobile System, BP, Temperature & SpO ₂	vSat	99-0101-00	99-0116-00
	Nellcor®-comp.	99-0061-00	99-0089-00
Battery Mobile System, BP		99-0062-00	99-0090-00
Battery Mobile System, BP & Temp.		99-0063-00	99-0091-00
Battery Mobile System, BP & SpO ₂	vSat	99-0102-00	99-0117-00
	Nellcor®-comp.	99-0064-00	99-0092-00
Wall System, BP, Temperature & SpO ₂	vSat	99-0103-00	99-0118-00
	Nellcor®-comp.	99-0065-00	99-0093-00
Wall System, BP		99-0066-00	99-0094-00
Wall System, BP & Temperature		99-0067-00	99-0095-00
Wall System, BP & SpO ₂	vSat	99-0104-00	99-0119-00
	Nellcor®-comp.	99-0068-00	99-0096-00
Battery Tabletop System, BP, Temperature & SpO ₂	vSat	99-0105-00	99-0120-00
	Nellcor®-comp.	99-0069-00	99-0097-00
Battery Tabletop System, BP		99-0070-00	99-0098-00
Battery Tabletop System, BP & Temp.		99-0071-00	99-0099-00
Battery Tabletop System, BP & SpO ₂	vSat	99-0106-00	99-0121-00
	Nellcor®-comp.	99-0072-00	99-0100-00
Temperature Module		98-0128-00	
SpO ₂ Module	vSat	98-0230-00	
	Nellcor®-comp.	98-0129-00	

+ Warranty:

- BP, Temp & SpO₂ Modules:** 2 years
- SunTech All-Purpose Cuffs:** 2 years
- Optional Roll Stand:** 2 years
- Cables & other accessories:** 90 days

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