



We Serve, You Cure

**AMS** Solutions Inc.



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# Solutions Inc.

*Your Respiratory Partner*

## NELLCOR N-180



- Measures functional oxygen saturation of arterial hemoglobin and pulse rate.
- Compact and portable with trend and event memory to record high and low resolution data.
- RS-232 and analog communication ports for interfacing with central monitoring systems, recorders and computers

### Technical Specifications

<b>Weight</b>	Monitor 2.25 kg (5.0 lbs); Power Base: 1.4 kg (3.0 lbs.)		
<b>Dimensions</b>	6.4 x 25.4 x 25.4 cm; 2.5 x 10.0 x 10 in (H x W x D)		
<b>Saturation Range</b>	0-100% SaO <sub>2</sub>		
<b>Pulse Rate Range</b>	20-250 bpm		
<b>Readout</b>	Two 3-digit Green & Red LED displays for oxygen saturation and pulse rate. 16-segment LED Pulse Amplitude display. LED annunciators for Low BATT, PULSE SEARCH, HIGH SAT, LOW SAT, HIGH RATE, LOW RATE alarms and AUDIO ALARM OFF. LED annunciators for BATT IN USE and Neonatal alarm limits		
<b>Alarm Limit Range</b>	High Sat:20-100% Low Sat: 20-100% High Rate: 20-250 bpm Low Rate: 20-250 bpm		
<b>Preset Alarm Limits</b>		<b>Adult</b>	<b>Neonate</b>
	High Sat	100%	95%
	Low Sat	85%	80%
<b>Preset Alarm Limits</b>	Low Rate	140 bpm	100 bpm
	1 standard deviation 70-100% +-2 digits, 50-69%+-3 digits, 0-49% unspecified, Neonates 70-95% +-3 digits		
	220-240 VAC (+- 10%) at 50-60Hz		
	6-volt sealed lead-acid battery pack. Battery life: 90 minutes minimum on full charge. 14 hours to recharge		

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