











Company	Covidien Nellcor		Maxtec Inc		Nonin Medical Inc
Product Name	 Nellcor OxiMax N-65 Handheld Pulse Oximeter	 Nellcor OxiMax N-600x Pulse Oximeter	 Pulsox 2	 Pulsox300i with soft tip probe	 LifeSense
Website	www.nellcor.com	www.nellcor.com	www.maxtecinc.com	www.maxtecinc.com	www.nonin.com
Price/Warranty			24 months	12 months	MSRP \$2,500/3 year
Type	handheld	stand-alone monitor	fingertip	worn on wrist	desktop
Dimensions (H" x L" x W")	2.8 x 6.2 x 1.4	3.3H x 10.4W x 6.8D	2.7 x 2.4 x 1.1	2.7 x 2.3 x 0.6	7.9 x 5.3 x 2
Patient Range	neonate, pediatric, adult	neonate, pediatric, adult	adult	adult	infant to adult
Weight in Ounces	10.4	91.2	2	2	28.8
Power Options	6 V from 4 AA-size batteries	power cord/battery option	2 AAA batteries	1 AAA battery	AC/DC
Battery Life (hours)	Alkaline – 19; Lithium – 40	7	80	30	8
Display Parameters	SpO ₂ , pulse rate, vertical bar graph	SpO ₂ , pulse rate, pleth waveform	SpO ₂ , pulse rate number, pulse level meter, error messages	SpO ₂ , pulse rate	SpO ₂ , PR, RR, and EtCO ₂
O₂ Saturation Display Range (% SpO₂)	0-100	1-100	0-100	0-100	0-100
Pulse Rate Display Range (BPM)	20-250	20-250	20-250	30-230	18-255
Low Perfusion Technology	X	X			X
Motion/Artifact Rejection	n/a	n/a			X
Data Accessible from Memory	X	X		X	optional
Reusable Sensors	X	X		X	X
Disposable Sensors	X	X		X	X
Audible Alarm	X	X			X
Visual Alarm	X	X			X
Features	The N-65 offers accurate, reliable performance in monitoring conditions of low perfusion and signal interference. It is compatible with the complete line of OxiMax sensors.	LoSat expanded accuracy feature. Works with the complete family of OxiMax sensors. SatSeconds alarm management technology. OxiNet III remote monitoring system compatibility.	Lightweight, easy to use, 80 hours of use on 2 AAA batteries, spot check, low cost, 2-year warranty with optional Maxtec protection plan.	One second HRPO, high accuracy reduces need for retesting, 30-hour battery life, superior value and performance, simple one-touch operation, 300 hours of memory.	Nonin's LifeSense multiparameter monitor with WIDESCREEN display provides accurate, first breath EtCO ₂ , and SpO ₂ values in addition to a continuous visual waveform.

Company	Nonin Medical Inc	Sensoronics Inc	SeQual Technologies Inc	Smiths Medical North America – Patient Monitoring	
Product Name	 WristOx 3100 Pulse Oximeter	 SP0-300	 SP0-500	 SmartPulse, Fingertip Pulse Oximeter	 SPECTRO, J 30 Digital Pulse Oximeter
Website	www.nonin.com	www.sensoronics.com	www.sensoronics.com	www.sequal.com	www.smiths-medical.com/spectro2
Price/Warranty	MSRP \$725/3 year	\$270/1 year	\$270/1 year	MSRP \$184/4 year	\$795/3 year
Type	wrist worn	handheld	wrist style	fingertip	handheld
Dimensions (H" x L" x W")	2 x 1.75 x .75	4.5 x 2.5 x 1	2 x 2 x .5	2.4 x 2.4 x 1.1	6.1H x 1.7D x 3.3W
Patient Range	pediatric through adult	adult, pediatric	adult, pediatric	adult, pediatric	neonate, pediatric, adult
Weight in Ounces	.88 ounce	< 6 with AA batteries	< 3	1.77 including batteries	11.9 (including 4 AA batteries)
Power Options	battery	2 AA batteries	lithium battery	2 AAA size batteries	4 AA alkaline batteries, rechargeable battery pack, AC power, USB cable
Battery Life (hours)	24	24+	24+ continuous	50, continuous use	Alkaline batteries: approx 17 hours. Rechargeable batteries: approx 30 hours
Display Parameters	SpO ₂ , pulse rate	SpO ₂ , PR, bar graph, waveform	SpO ₂ , PR, bar graph, waveform	SpO ₂ , heart rate, perfusion, battery life	SpO ₂ , pulse signal strength, pulse rate, pulse amplitude index (PI) indicator
O₂ Saturation Display Range (% SpO₂)	70-100	70-100	70-100	9-99	0-100
Pulse Rate Display Range (BPM)	18-300	30-250	30-250	30-254	20-300
Low Perfusion Technology	X				X
Motion/Artifact Rejection	X	X	X		X
Data Accessible from Memory	X	X	X		X
Reusable Sensors	X	X	X	X	X
Disposable Sensors	X				X
Audible Alarm		X	X		X
Visual Alarm		X	X		X
Features	Nonin's WristOx is ideal for overnight studies. The compact design enables greater freedom and comfort during overnight monitoring.	Small compact unit ideal for spot-checking and continuous monitoring. Data can sync with PC-based (WinXP and WinVista), recorded up to 24 hours.	Designed to fit comfortably on the patient's wrist for monitoring daily activities and overnight sleep studies. Ideal for spot-checking short- and long-term monitoring.	The SmartPulse is a simple, user-friendly fingertip pulse oximeter with a 4-year warranty, multicolored LED, audio alert; includes a neck strap, carrying case, AAA batteries. Made in USA.	Multiple operating modes including sleep screening; low perfusion; motion tolerance; visual, audible, and remote alarms; PI indicator; on-board sensor storage; large bright LED display; accessories.

Information for this guide based on data submitted by product manufacturers. Sleep Review strives for accuracy in all data but cannot be held responsible for claims made by manufacturers.