

∴ Pulsox 300i Comparison Chart

	KONICA MINOLTA	NONIN	RESPIRONICS
	PULSOX-300i	3100 WristOx	920 M Plus Oximeter
Dimensions	68 x 58 x 15mm	45 x 50 x 19mm	13.8 x 7.0 x 3.2cm
Design	Ergonomic design fits wrist Reinforced design for increased durability		
Weight	56 grams	25 grams	210 grams
Sensor Connection	Strong, holds in place		
Range: SpO₂	0 to 100% SpO ₂	0 to 100%	0 to 100%
Range: Pulse Rate	30 to 230 bpm	18 to 300 bpm	18 to 300 bpm
Accuracy: SpO₂	±2% SpO ₂ (70-100% range, 1 S.D.)	±2 digit (70 to 100 %)	70 to 100% (±2 digits for adults using Finger Clip Sensors, ±3 digits for adults using Flex, Flexi-Form, or Reflectance Sensors, ±4 digits using Ear Clip Sensors) 70 to 95% ±3 digits for neonates using Infant of Neonatal Sensors
Accuracy: Pulse Rate	±2 bpm (30 to 100 range) or ±2% of value (100 to 230 range)	±3 %	±3 digit
Warning Functions	SpO ₂ : Low SpO ₂ warning (flashing display), Battery indication, Error message indication		
Averaging (sec)	1 second	4 sec, 2 sec or 1 sec	
Pulse Strength Indicator	Provides accurate heart rate every second	Available	
Memory (hours)	300 hours (@ 1 sec) Non-Volatile	33 (@ 4sec), 16 (@ 2sec), 8 (@ 1sec) Non-Volatile	72 hours
Display	LCD	LCD	
Indicators	SpO ₂ , Pulse rate, Pulse level meter (8 steps), Battery indication (3 steps), Error message indication	SpO ₂ , Pulse Rate, Pulse Level	Pulse Quality, Numeric Displays, Low Battery
Interface	UA-300 USB Adapter (provides fast, easy connection and data transfer)	RS-232C	
Power Supply	1 AAA economical/anywhere available	2-alkaline N-cell batteries	4 AA alkaline batteries
Battery Life (hours)	30 hours	24 hours	
Power On	Power button on the unit		
Power Off	Power button on the unit		
Auto-off	Yes	Yes	
Software	PROFOX		
Optional Printer	Computer Printer	Computer Printer	
Warranty	1 year		