

❖ Pulsox-2 Comparison Chart

	ONYX (Nonin)	ONYX II (Nonin)	DIGIT (BCI)	PULSOX-2 (Konica Minolta)
Range (SpO₂)	0 to 100	0 to 100	0 to 99	0 to 100
Range (Pulse Rate)	18 to 300	18 to 321	30 to 254	20 to 250
Accuracy (SpO₂)	± 2 digits (70 to 100%)	± 2 digits (70 to 100%)	±2% (70 to 99%)	±2% (70 to 100%)
Accuracy (Pulse Rate)	± 3% ± 1 digit	± 3% (20 0 250 BPM)	±2% or 2 BPM (whichever is greater)	±2 BPM
Low Perfusion Alarm	---	---	---	"P" sign on display
Motion Artifact Alarm	Pulse lamp turns yellow	Pulse lamp turns yellow	---	"A" sign on display
Ambient Light Alarm	---	---	---	"L" sign on display
Averaging	---	---	8 seconds	5 seconds
Indicators	LED: Numeric Displays Tricolor, Pulse Quality Display	LED: Numeric Displays Tricolor, Pulse Quality Display	LED: SpO ₂ , Pulse Rate, Pulse Strength Bar	LCD: SpO ₂ , Pulse Rate, Pulse Level
Backlight	---	---	---	Auto lit backlight
Indicators Visibility	Not good in bright environment	Not good in bright environment	Not good in bright environment	Very good in bright and in dark environment
Letter size on display	5mm x 3mm	5mm x 3mm	SpO ₂ : LED 8.1mm high Pulse Rate: LED 8.1mm high Pulse Strength: LED bar 8.1mm high	SpO ₂ : 11mm x 5.5mm Pulse Rate: 6mm x 3mm
Reading Easiness	Same letter size for SpO ₂ and Pulse Rate	Same letter size for SpO ₂ and Pulse Rate	Same letter size for SpO ₂ and Pulse Rate	Different letter size used for SpO ₂ and Pulse Rate
Power Supply	2 AAA batteries	2 AAA batteries	2 AAA alkaline batteries	2 AAA batteries
Battery Life (continuous use)	18 hours	21 hours	16 hours	80 hours
Dimensions (H x W x D)	57mm x 33mm x 33mm	33mm x 56mm x 32mm	57.2mm x 43.2mm x 38.1mm	69mm x 60mm x 28mm
Weight	60 grams (with batteries)	53.5 grams	85 grams (with batteries)	70 (with batteries)
Finger Fitting	Good but feels heavy since held by a finger	Good but feels heavy since held by a finger	Good but feels heavy since held by a finger	Very good. Does not feel heavy since held by hand
Warranty	2 years	2 years	2 years	2 years
Drop Shock	Spring connecting upper and lower parts easily comes off	---	---	No weak part against drop shock
Water Resistant / Durability	Moisture resistant	Moisture resistant	---	Splash proof of IPX4 classified by IEC 529. International Electro-technical Commission