

# ❖ PULSOX-2 REFERENCE GUIDE

www.maxtecinc.com • 800.748.5355 • 801.266.5300 (intl.)

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

