



BC BIOMEDICAL SPO-2000 SYSTEM PULSE OXIMETRY SIMULATOR SYSTEM

The SPO-2000 System is used to verify the operation of Pulse Oximeters. The SPO-2000 System is comprised of the SPO-2000 Base Unit and a FingerSim™ simulated finger, available in three different SpO₂ saturation levels. The FingerSim™ is inserted into the SPO-2000 Base Unit, which then adds calibrated pulse rates to the functionality of the FingerSim™.

The following are highlights of some of the main features.

SPO-2000 SYSTEM (BASIC FEATURES):

- SIX CALIBRATED SIMULATOR PULSE RATES: 30, 60, 90, 120, 150, and 180 BPM
- LED INDICATION OF SELECTED PULSE RATE
- STANDBY MODE

AVAILABLE MODELS:

The SPO-2000 Base Unit plus one or more FingerSims™ are required in order to verify the operation of Pulse Oximeters.

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| • SPO-2000 | SIMULATOR BASE UNIT |
| • FingerSim™ KIT | COMPLETE STARTER KIT (INCLUDES 80%, 90% AND 97% FingerSims™, FingerSim™ HOLDER, AND CARRYING CASE) |
| • FingerSim™ SET | REPLACEMENT KIT (80%, 90% AND 97% FingerSims™ ONLY) |

STANDARD ACCESSORIES:

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|----------------------|------------------------------|
| • BC20-00431
(OR) | 110V AC POWER ADAPTER (US) |
| • BC20-40614 | 220V AC POWER ADAPTER (EURO) |

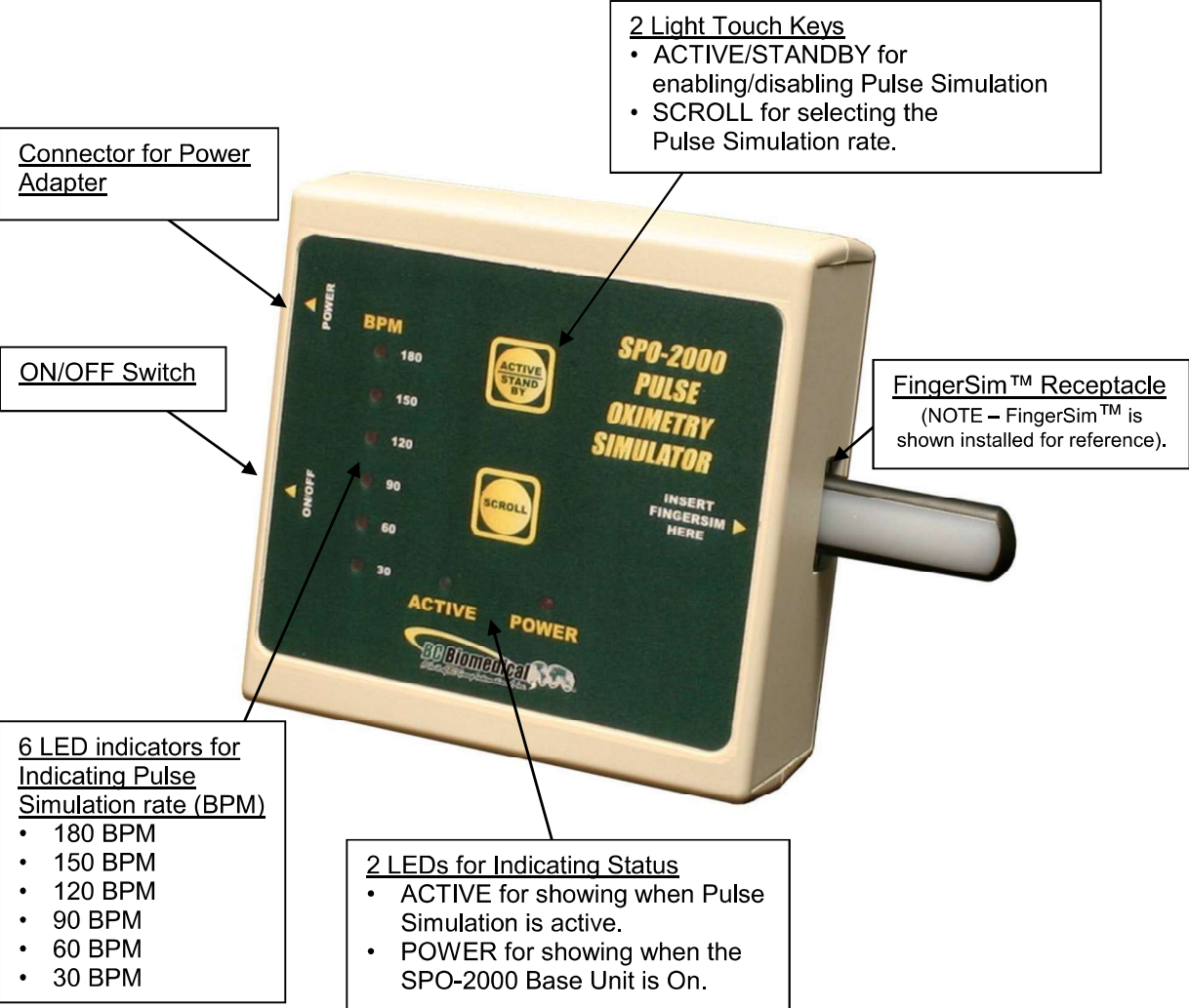
OPTIONAL ACCESSORIES:

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| • BC20-40110 | CARRYING CASE FOR SPO-2000 BASE UNIT, FingerSims™ & ACCESSORIES |
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Layout and Specifications

This section looks at the layout of the SPO-2000 Base Unit and gives descriptions of the elements that are present.



SPO-2000 BASE UNIT

PULSE SIMULATION	
RATE	30, 60, 90, 120, 150, 180 BPM
ACCURACY	± 1%

PHYSICAL, ENVIRONMENTAL, AND ELECTRICAL		
SIZE	5.20 x 5.20 x 2.50 Inches (132.1 x 132.1 x 63.5 mm)	
WEIGHT	≤ 1 Lbs (0.45 kg)	
CONSTRUCTION	ENCLOSURE	ABS Plastic
	FACE PLATE	Lexan, Back printed
OPERATING RANGE	15° to 40° C (59° to 104° F)	
STORAGE RANGE	-20° to 65° C (-4° to 149° F)	
POWER	12 VDC, 500 mA 	



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