

## PulseOx 6100™



### FEATURES

- Attractive & robust design
- Universal size thimble
  - Pediatric thimble available
  - Replacement sensors available
- AutoSpot™ technology for motion artifacts and low perfusion
- Nail polish tolerant
- Auto-Off
- Low-battery consumption
- Easy-to-read: illuminated LCD panel
- Memory capabilities to store readings
- IPX2 compliant thimble
- Manufactured according to environmentally friendly standards (RoHS Directive)
- 24/7 Website support
- Customer service call center: 6AM-9PM (Pacific time), 7days
- One year manufacturer's warranty

The PulseOx 6100™ is an ideally suited Hand-Held Pulse Oximeter for medical professionals. Based on SPO Medical's proprietary patented algorithms, the PulseOx 6100™ uses Reflective Pulse Oximetry (RPO) technology for accurate and reliable measurements of blood oxygen saturation and heart rate. With AutoSpot™ technology, these algorithms also remove sensitivity to motion artifacts and low perfusion typically experienced by other hand-held oximeters.



**SPO**medical

### Effective measuring range

Saturation	40 to 99%
Heart pulse rate	40 to 250 bpm
Resolution	1 digit

### Accuracy (incl. motion artifacts and low perfusion)

Saturation (70%-99%)	± 2% or ± 2 digits
Heart rate	± 3% or ± 3 digits

### Display

Saturation	2 characters
Heart pulse rate	3 characters
Signal indications:	Sensor 'OFF' & 'Weak Signal' Flashing heart icon

Battery indication	Full power, 1/3 and near empty
Power requirements	2 x 1.5V Alkaline AA batteries
Battery life	200 hours (with 1,200mAh batteries)

### Mechanical

Overall dimensions	6.3" x 1.73" x 1.06" (160 x 44 x 27 mm)
Weight	3oz (85g) not incl. battery or sensor
Sensor weight	1.37oz (39g)

### Mechanical

Storage temperatures	-4° to 158° F (-20° C to 70° C)
Operating temperatures	39° to 107° F (4° C to 42° C)
Humidity	Up to 95% non-condensing

Design and product specifications are subject to change without notice

The PulseOx 6100™ is simple to use. Just slip your finger into the universal size thimble and within seconds the PulseOx 6100™ automatically displays readings of your heart rate and SpO<sub>2</sub>. The illuminated LCD panel makes it easy to read for medical professionals. SPO Medical has designed and manufactured its products to be environmentally friendly by minimizing the operating power consumption requirements by at least a factor of ten (10)\* hence greatly reducing the need to frequently replace the batteries.

\* with respect to comparative products



Reflecting our technology on your finger™

Distributed by:



**SPO**medical

SPO Medical Inc.  
California, USA  
Tel: 800-548-6705  
Email: [info@spomedical.com](mailto:info@spomedical.com)  
Website: [www.spomedical.com](http://www.spomedical.com)

Rx Only



US Patents: 6,553,242; 7,006,855; 7,171,251

© 2007, SPO Medical Equipment Ltd.

004-DMR-004-01 Rev 01 Catalog # 10943000

# INTRODUCING THE BEST-IN-CLASS SPO Medical PulseOx 6100™

**WITH MEMORY AND AUTOSPOT™  
TECHNOLOGY** FOR LOW PROFUSION  
READINGS OF BLOOD OXYGEN SATURATION  
LEVEL AND HEART RATE

AN ADVANCED SPOT CHECK HAND-HELD PULSE OXIMETER



**SPO**medical

