

## **SFO Medical Unveils New Professional grade high accuracy Finger Pulse Oximeter OxyMirror-9500™**

SFO Medical , a leading medical device manufacturer, continuing its commitment to portable medical electronics, is releasing its latest feature rich finger pulse oximeter targeted for professional medical usage and relevant applications based on enhanced digital adaptive technology. OxyMirror™ 9500 is a beefed up version of its existing line of finger pulse oximeter with added audio alarm for, crystal clear OLED display and enhanced accuracy. This oximeter is also suitable for ambulatory medicine, urgent care, ICU and hospital floor.



SFO OxyMirror 9500 joins SFO Medical's existing line of finger pulse oximeter products. This device measures SpO2/SaO2 (Oxygen Saturation Level), pulse reading and perfusion index accurately. This oximeter is based on latest reflective technology and uses state of the art components. OxyMirror-9500 is on top of the line in its accuracy and reliability. The device is ideal for heavy usage and is very sturdy in design.

This oximeter has integrated probe and its large crystal clear screen features large numeric and bright readings. SFO OxyMirror has audible alarm which indicates if SpO2/SaO2 (Oxygen Saturation Level) or pulse reading is outside a preset limit. Its large crystal clear screen features large numeric and bright readings. The latest organic LED (OLED) technology and high resolution of 160x64 enhances reading capability in any light conditions. The numerical SPO2, pulse rate and Plethysmograph display is designed to rotate directionally, allowing the caregiver to easily view the results without additional movement by the subject.

With less than 25mA current consumption, SFO OxyMirror-9500™ can continuously run upto 32 hours. Battery life can be enhanced with its auto power off feature and auto detect feature on slip of finger tip. SFO OxyMirror™ finger pulse oximeter is versatile and can be used in many applications such as sports, home, community, medical, aviation and mountain climbing applications.

The OxyMirror pulse oximeter is based on optical LED and photo diode reflection technology with sophisticated tables to achieve high accuracy of +/- 2% of SPO2 range in higher saturation conditions. Oxygen Saturation is often referred as SaO2 or SpO2 is ratio of oxyhemoglobin (HbO2) to the total concentration of hemoglobin present in the blood. SFO Medical solves the typical issue of low accuracy of readings at low oxygen saturation levels by its experienced design team. The pulse oximeter uses latest semiconductor technology and high quality of amplifiers to achieve high Signal to Noise ratio giving excellent accuracy (+/- 2%) in low oxygen saturation range. This model also solves the motion and artifacts by employing its digital signal and oversampling/correction techniques to suppress muscle and unwanted movements.

“We are step closer to our innovative break through technology for next generation medical devices exclusively made in USA”, said Dr. Pallavi Sharma, co-founder of SFO Medical. She added, “We are continuing our collaboration between engineering and medical knowledge to bring the best to the market.”

SFO Medical Supplies Inc is an early stage start up based in San Jose bay area. SFO Medical (<http://www.sfomedical.com>) is provider and manufacturer of portable medical electronics devices for home care and medical application.