

The Virtuox Stealth Wireless System

The Stealth Wireless Platform – *Stealth for Wireless Health* - The future of wireless in healthcare is here. Virtuox is proud to announce launch of the Virtuox Stealth Wireless System, an industry first that enables a streamlined process for oxygen qualification via the use of its new wireless service and the VPOD Freedom wireless pulse oximeter. The new wireless service allows durable medical equipment providers to operate with greater efficiency and thereby save activity based costs in the oxygen qualification process deployed today. The Virtuox Stealth Wireless system utilizes existing cell phone technology to transmit overnight data real-time and eliminate costly retrieval and upload process steps that help save money.



Virtuox is dedicated to developing innovative tele-health solutions that promote patient wellness and reduce healthcare costs while improving patient compliance. The Stealth Wireless system is just the first step in our wireless healthcare deployment as it has also been designed for future scalability and expansion in the healthcare sector. Among the most common conditions to monitor at home are irregular heartbeats or cardiac arrhythmia, high blood pressure, the glucose levels in diabetes, and high levels of lipids or fats in the blood.

In Europe and North America 40 million people have cardiac arrhythmia, 200 million people have high blood pressure, 60 million people are diabetic, and 180 million people have severe elevation of blood lipids. All these diseases are increasing as a result of people getting older and heavier, and all are major causes of high healthcare costs.

The Stealth expansion includes monitoring platforms intended for e-Health applications, ranging from diagnostic testing, to elderly monitoring, to early homecoming after a hospitalization period, to compliance data. Our monitoring platform is multipurpose, meaning that the system is internet based, easily configurable for various user needs and is easy to set up. Patients use wireless measurement devices to take their own vital signs and transmit to personalized, clinician-directed networks as necessary.

Stealth for Wireless Health

Please contact us today to learn how you can be a part of this exciting new program.

About Virtuox, Inc.

VirtuOx, Inc. is a privately held medical technology services and solutions company that provides diagnostic tools and services that enable a variety of healthcare organizations and professionals in diagnosing and treating Respiratory diseases through vertically integrated platforms, products and services. Virtuox' platforms includes a Medicare approved, Independent Diagnostic Testing Facility (IDTF) that assists in the diagnosis and qualification of treatment options for Sleep Disorder Breathing and Respiratory Diseases in the home, wireless services, industry leading web-based management applications that communicate with physicians, medical equipment providers and patients globally as well as product and distribution offerings.

The VirtuOx Total Solution

No cost software + low cost oximeters =
The industry's most cost effective way to qualify oxygen patients!

VPOD-FREEDOM Product Features:

- FDA Pending
- Data storage and transmission to VirtuOx Laboratory for Oxygen Qualification
- Data storage and transmission to VirtuOx O.E. Office Edition
- GPRS for data transfer
- 72 hours of data storage
- Special design for sleep monitoring
- High Resolution Pulse Oximetry (Records at 1 second intervals)
- Compact and Light, weighs less than 200 grams
- LCD Displays SpO2, Pulse Rate & Pulse Bar
- Low power consumption, uses 1 Lithium Ion rechargeable battery
- Battery low indicator
- 3 year limited warranty



VIRTUOX

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VPOD Freedom, a VirtuOx Pulse Oximetry Device

VirtuOx, Inc. is a privately held medical technology services company that provides diagnostic tools and services that enable a variety of healthcare organizations and professionals in diagnosing and treating respiratory diseases through vertically integrated platforms, products and services. Virtuox' platforms includes a Medicare approved, Independent Diagnostic Testing Facility (IDTF) that assists in the diagnosis and qualification of treatment options for Sleep Disorder Breathing and Respiratory Diseases in the home, industry leading web-based management applications that communicate with physicians, medical equipment providers and patients globally as well as product and distribution offerings.



Technical Specifications

Application Range
Adult and pediatric

Environment

The operating environment should comply with the following conditions:

Operating Temperature: 5°C-40°C
Relative Humidity: ≤80%, non-condensing
Atmospheric pressure: 86kPa-106kPa

The transport and storage environment should comply with the following conditions:

Storage Temperature: -20°C-55°C
Relative Humidity: ≤93%, non-condensing
Atmospheric pressure: 50kPa-106kPa

Power Requirements

Power Supply: 100-240V, 50/60Hz 0.1A
Li Battery: 3.7V 1500mAh
Operating Time: (fully charged battery) approx. 24 hours
Charging time: 3 hours

Dimension and Weight

Dimension: 133mm (L) x 62mm (W) x 33mm (D)
Weight: Less than 200g (without battery)

Display

Type: OLED display
Screen Size: 1.12"

Alarm

Alarm: SpO2, PR, Battery-low indicator
Mode: Visual

Transmitter

Operation: GPRS

Storage

Data records: up to 72 hours, records every 1 second

Features

- Compact and light weight
- Friendly design, convenient to operate
- 72 hours record storage
- Battery life approx. 24 hours
- Automatically power off for intelligent power management
- GPRS transmission sent to Virtuox in real time

SpO2

Display range: 0-100%
Measurement range: 70-100%
Accuracy: 80% - 100%: ±2%
70% - 79%: ±3%
≤69%: No definition

Pulse Rate

Display range: 0-255 BPM
Measurement range: 30 - 235 BPM
Resolution: ±2%

Electromagnetic Compatibility

This product complies with IEC60601-1-2 for electromagnetic compatibility Class B.

Standard Configuration

VPOD Freedom device, Adult reusable SpO2 sensor, Lithium battery, Power adapter, USB cable, user manual

Optional configuration

Pediatric reusable SpO2 sensor, Wrap disposable SpO2 sensor

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