

# Model 7600

## Regional Oximetry System

The EQUANOX logo features a stylized orange and red wave icon to the left of the word "EQUANOX" in a blue, serif font, with a trademark symbol (TM) to the right.

### Reliable Accuracy, Unparalleled Performance

Simple, versatile and intuitive, Nonin Medical's regional oximetry system offers the clinical team reliable accuracy regardless of skin type, features or blemishes. Proprietary **EQUANOX™** regional oximetry technology eliminates surface effects, isolating measurements of the cerebral cortex, and provides both trend and numerical  $rSO_2$  values. With an intuitive, easy-to-operate user interface, the Model 7600 system offers state-of-the-art Bluetooth® wireless technology connectivity and user-friendly file access and storage. Its durable, rugged design can withstand rough treatment, and it is backed by a world-class technical and customer support team.

The NONIN logo consists of a stylized orange and blue square icon to the left of the word "NONIN" in a bold, blue, sans-serif font, with a registered trademark symbol (®) to the right.

# Model 7600

## Accessories

### Carrying Case

Durable nylon carrying case holds all system components and a supply of sensors.

### Rolling Stand and Mounting Hardware

Five-spoked pole mount carries the monitor and mounting hardware while storing all system components, sensors and supplies.

Component Description	Part Number
7600 Regional Oximetry Complete System .....	7600
Cerebral Oximetry Sensor (Large) .....	8000CA
7600 Rolling Stand & Mounting Hardware.....	Avant RS-S
7600 Mounting Arm .....	Avant PC
7600 Carrying Case .....	7600CC

## Specifications

### Dimensions

Monitor .....	Approximately 305 mm (12.0") W x 180 mm (7.2") H x 130 mm (5.0") D
Weight 7600 .....	Approximately 900 grams (2 lbs)
7600B .....	Approximately 80 grams (2.8 ounces)
Trunk Cable.....	4.3 m (14.1')
Sensor Cable.....	45.7 cm (17.9")

### Cerebral Oximetry System Displays

Numerical Value .....	0 – 100%
Trend .....	30 min. to 24 hrs.

**Accuracy** .....  $\pm 2.7 A_{rms}^1$  (trending)

**Repeatability** .....  $\pm 2$  Digits<sup>2</sup>

### Temperature

Operating .....	0 to 40° C (+32 to +104° F)
Storage.....	-40 to 70° C (-40 to +158° F)

**Humidity** ..... 10 – 90% non-condensing

**Altitude** ..... Up to 3,700 meters (12,000 feet)

### Power Requirements and Supply

External .....	120/240 VAC, 50/60 Hz
Battery Life .....	~ 3 hrs.

**Output** ..... Bluetooth® wireless technology

**Warranty** ..... Battery pack for one year and the monitor and pods for three years.

### Regulatory Standards

UL 60601-1
CAS C22.2.601.1
IEC 60601-1

Specifications are subject to change without notice.

Authorized Distributor:

### References:

<sup>1</sup>MacLeod DB; White Paper 2009; Nonin Medical, Inc.

<sup>2</sup>Lobbestael A et al; White Paper 2009; Nonin Medical, Inc.



## Product Highlights :

- **Highly Accurate**  
EQUANOX technology offers consistent and accurate trending
- **Convenient**  
Quick and easy to set up and store
- **Easy to Use**  
Intuitive display is simple to read and requires minimal training
- **Versatile**  
Can be used in numerous clinical environments
- **Durable**  
Sturdy design resists damage



*The next generation in sensor technology, EQUANOX overcomes the limitations of conventional near-infrared cerebral oximetry*



**Nonin Medical, Inc.**  
13700 1st Avenue North  
Plymouth MN 55441-5443, USA

Phone: +1.763.553.9968  
Toll Free: 800.356.8874  
Fax: +1.763.577.5521

Email: [info@nonin.com](mailto:info@nonin.com)

[www.nonin.com](http://www.nonin.com)