

# EQUANOX™, Model 7600 Regional Oximeter System

with EQUANOX Advance™ Sensor,  
Model 8004CA

Now available  
with Philips® VueLink  
interface and serial  
data output†



## Absolute Accuracy, Unparalleled Reliability and Unmatched Convenience

Portable, versatile and intuitive, Nonin Medical's EQUANOX, Model 7600 Regional Oximeter System offers the clinical team absolute accuracy—in either cerebral or somatic positions—regardless of skin type, features or blemishes. Proprietary EQUANOX regional oximetry technology eliminates surface effects, isolating measurements of the cerebral cortex. With an intuitive, easy-to-operate user interface, the EQUANOX, Model 7600 Regional Oximeter System offers both state-of-the-art Bluetooth® wireless technology connectivity and serial data output for greater flexibility in patient data reporting. Its durable, rugged design withstands rough treatment, and it is backed by a world-class technical and customer support team.

# Model 7600 Regional Oximeter System with EQUANOX Advance™ Sensor, Model 8004CA

## Product Highlights

- **Highly Accurate** - EQUANOX technology offers consistent absolute accuracy of  $4.1 A_{rms}$  and trending accuracy of  $1.9 A_{rms}^i$
- **Convenient** - Quick and easy to set up, clean 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 is highly portable and resists damage



Model 7600 Regional Oximeter System interfaces with the Philips IntelliVue Monitoring System through VueLink.

## User Configurable

eVISION® Data Management Software\*\* enables transfer of patient files directly to the hospital's EMR or to the Society of Thoracic Surgeons' National Adult Cardiac Surgery Database.



## Model 7600 Regional Oximeter System Components

Description	Product	Part Number
Model 7600 (complete system)	Package assembly, 7600, RS232	7974-001
EQUANOX Advance™ Sensor (absolute)	Package assembly, smart sensor, 8004CA	7915-001
Model 7600 (monitor only)	Final assembly, 7600, RS232	7688-000
Oximeter pod only (one pod)	Package assembly, absolute pod, 7600PA	7778-001
Four-channel trunk cable (Includes two 7600PA oximeter pods) <sup>†</sup>	Package assembly, 7600PA, four channel kit	7461-001

Description	Philips® Part Number
VueLink Open Interface cable with 9-pin connector	M1032-60605
Philips VueLink Interface Module Auxiliary Plus (Type B)/Digital Open Interface Driver	M1032-60605
Philips VueLink IntelliVue Monitor	MP40-90
VueLink Module Handbook	M1032A

**NOTE: Philips VueLink IntelliVue parts must be ordered through Philips**

### References:

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

## Specifications

### Dimensions

Monitor - 7600.....	Approximately 305 mm (12.0") W x 180 mm (7.2") H x 130 mm (5.0") D
Trunk Cable.....	4.3 m (14.1')
Sensor Cable.....	45.7 cm (17.9")

### Weight

Monitor - 7600.....	Approximately 900 grams (2 lbs)
Pod - 7600PA.....	Approximately 80 grams (2.8 ounces)

### Cerebral Oximetry System Displays

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

**Accuracy**.....  $\pm 4.1 A_{rms}$  (absolute)\*  
 $\pm 1.9 A_{rms}^i$  (trending)\*

**Repeatability**.....  $\pm 2$  Digits

### Temperature

Operating.....	-5 to 40° C (+23 to +104° F)
Storage.....	-30 to 70° C (-22 to +158° F)

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

**Altitude**..... Up to 3,657 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.

\*Accuracy for EQUANOX Advance™ Sensor, Model 8004CA only.

\*\*eVISION version 1.2 is backward compatible on all versions of the 7600 monitor.

<sup>†</sup> Complete System configured for two-channel monitoring; Four Channel Kit, Part Number 7461-001 required for four-channel monitoring.

## Nonin Medical: Innovative Leaders in Noninvasive Physiological Monitoring

Nonin Medical is a technology-driven company and a global leader in developing noninvasive medical monitoring solutions that improve the quality of people's lives and enable them to live their lives to the fullest. We do this by developing low-cost, high-quality, easy-to-use technologies that empower clinicians to make better decisions and individuals to proactively manage their health.

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