A Cost-Effective Solution

Nonin's innovation in pulse oximetry has led to the development of an easy overnight oximetry screening solution – nVISION®. Designed to provide effortless viewing, professional analysis, report generation and reliable data storage – the powerful nVISION software package is a cost-effective solution for basic oximetry screening applications.

The simple functionality of nVISION makes it useful for nearly any overnight screening situation where an accurate reading of blood oxygen saturation and pulse rate is needed.

✓ Critical Care Departments	✓ Cardiology
✓ Sleep Lab	✓ Physician Offices
✓ Home Care	✓ Respiratory Care Departments

Software Highlights

Based on the Windows® platform, this intuitive tool offers customized settings/parameters and quick access for efficient and immediate data interpretation.

Oximetry
✓ Automatically calculates the results for comprehensive analysis
✓ Easy graphical correlation between saturation and pulse events

"What If" Scenarios
✓ User selectable analysis parameters (SpO_2, Pulse)
✓ Immediate re-analysis and feedback
✓ Flexibility to perform case-specific data analysis
✓ Useful for data requiring additional sensitivity

Editing
✓ Events are marked and color-coded for easy reference
✓ Assess specific segments through statistical summary function
✓ Case-specific information can be added for documentation

Reporting Options
✓ Convenient pre-set report categories
✓ Adjustable time scaling
✓ Print entire recording and/or specified segments for documentation

Archival
✓ Simple search function provides quick retrieval of patient records
✓ Store multiple patient records

Please contact your authorized distributor for more information.

System Requirements

✓ IBM compatible
✓ Windows® 95, 98, 2000, NT 4.0
✓ 1 serial communications port
✓ 16MB memory
✓ 10MB free space on hard drive

Product Compatibility

nVISION software package is compatible with the following Nonin models:

✓ Avant® 9700 Pulse Oximeter with Waveform
✓ Avant 9600 Pulse Oximeter
✓ Avant 2120 Noninvasive Blood Pressure Monitor & Pulse Oximeter
✓ Avant 4000 Wearable Digital Pulse Oximeter with Bluetooth® Wireless Technology
✓ 3100 WristOx® Wrist-worn Pulse Oximeter
✓ 2500 PalmSAT® Pulse Oximeter
✓ 8500 Pulse Oximeter with Memory
✓ 8600 Pulse Oximeter with Memory
✓ 9840 Series Pulse Oximeter & CO_2 Detector

Your Partner of Choice

With over 15 years of experience and dedication to the design and support of noninvasive monitoring devices, Nonin has helped many medical professionals meet clinical and economic objectives. Trusted by clinicians worldwide, countless tests are performed every day on thousands of Nonin pulse oximeters in more than 125 countries. Nonin's dedication to technological leadership, precision manufacturing and uncompromised customer support ensures quality products and service you expect.

NONIN

www.nonin.com

✓*Where People Make the Difference*

Software

ⁿVISION®

Data Management Software for Oximetry Screening

SpO_2

Pulse

Sleep

Product Highlights

✓ Powerful - *Comprehensive data analysis*

✓ User-Friendly - *Intuitive Windows®-based application with online help*

✓ Flexible Reporting - *Choose from several pre-set report categories*

✓ Improved Productivity - *Simple and fast editing*

✓ Convenient - *Customized views and instant data access*

NONIN

✓*Where People Make the Difference*

"VISION Data Management Software for Oximetry Screening is a powerful, yet easy-to-use oximetry data analysis tool designed to increase productivity and decrease administrative costs.

Overnight Oximetry Screening Made Simple

Complete with online help, mastering this effective tool is a breeze. Just follow our 5-step method and experience the power of professional analysis at your fingertips.

1 Record

The first step to oximetry screening is to set-up your pulse oximetry recording device and the patient. Any Nonin Pulse Oximeter listed below can be used with nVISION:

- ✓ Avant® 9700 Pulse Oximeter with Waveform
- ✓ Avant 9600 Pulse Oximeter
- ✓ Avant 2120 Noninvasive Blood Pressure Monitor & Pulse Oximeter
- ✓ Avant 4000 Wearable Pulse Oximeter with Bluetooth Wireless Technology
- ✓ 3100 WristOx® Wrist-worn Pulse Oximeter*
- ✓ 2500 PalmSAT® Pulse Oximeter
- ✓ 8500 Pulse Oximeter with Memory
- ✓ 8600 Pulse Oximeter with Memory
- ✓ 9840 Series Pulse Oximeter & CO_2 Detector

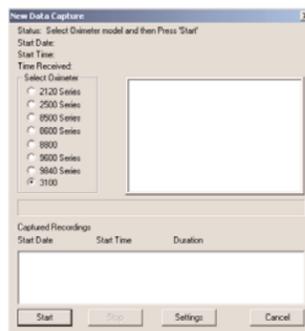*nVISION includes a programming interface for WristOx setup.

Upon completion of the recording, you are now ready to transfer the data to your computer.

2 Transfer

nVISION allows a seamless transfer of data from the pulse oximeter to your computer. When you are ready to transfer, simply connect the transfer cable to the serial port. The easy-to-follow Windows® screens walk you through the transfer process.

Select the recordings you want to analyze and start the data capture. The files will be transferred for review and analysis. Disconnect the device and you are ready to proceed.

4 Report

The reports are easy to customize and feature user-selectable scaling, making it convenient to zoom in on specific data segments. In addition, graphs are printed with guide lines for visual clarity and easy interpretation. A red-colored guide line provides a distinct marker for evaluating the desaturation threshold. Whether you customize each report or print from the default settings, you will appreciate the concise appearance of the reports — in black and white or color.

Featured Standard Reports:

Choose from three categories to get the data you need — fast.

Oximetry Report — *Provides a concise one-page summary for fast interpretation of numeric data. The report also includes a graphical representation of the full study with clearly visible event detection and an SpO_2 histogram.*

Strip Chart Report — *Allows a quick review of the data, while modifying the analysis parameters and performing edit functions. The data is color-coded for simple interpretation.*

Full Study Report — *Gives you the ability to print a complete graphical representation of the entire recording. This provides you with complete and detailed documentation for the study.*

Oximetry Report

Full Study Report

Strip Chart Report

3 Analyze

Analyzing patient information has never been this easy. nVISION allows you to take oximetry analysis as far as you need to go. The intuitive toolbar and icons are user-friendly and provide maximum efficiency for the clinician.

Review the data through multiple "what if" scenarios, and/or change the display and analysis parameters to gain a full understanding of your patient's condition. With the comprehensive tools of nVISION, you can easily assess your patient and provide an accurate diagnosis.

Powerful Editing Capabilities:

Adjustable Analysis Parameters — *Quickly explore "what if" scenarios to fully evaluate the patient's condition with instant re-analysis and feedback. This feature provides the flexibility to perform case-specific data analysis and is especially useful when additional sensitivity is desired during data review.*

Detailed Data Assessment — *Automatically calculates and displays statistical summary results for selected areas of interest. This function is useful for event verification and quality control.*

Separate Analysis — *Independently adjust the criteria for pulse and desaturation events.*

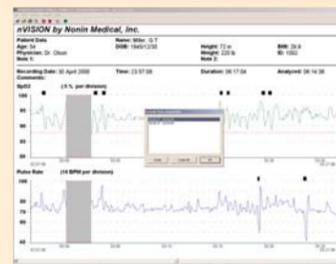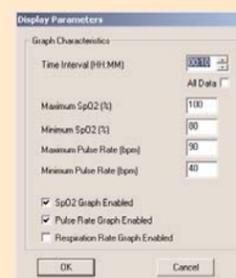Universal Units of Measure — *Recognizable standards expands this tool for worldwide clinical use.*

User-Defined Field — *Add case-specific information for documentation.*

Default Settings — *Convenient reset function for analysis parameters.*

Customize Your Views:

Exclude Data — *Mark the artifact or suspect data and focus on specific events critical for analysis.*

Adjustable Display Parameters — *Easily adjust the X and Y scaling to customize your analysis. This feature allows you to see the entire study at once or view the data expanded minute-by-minute.*

5 Archive

Upon completion of printing the reports, you can conveniently store all the data in the patient data folder or export to an ASCII file for further analysis. nVISION's simple search function allows quick retrieval of any patient record archived.

There's no worry about searching endless file names, simply enter a few characters of the patient name and nVISION does the rest.