



CareFusion

# MicroLab

## SpO2 Software Module

Operating Manual





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## Introduction

With the addition of the optional SpO2 finger probe the MicroLab Mk8 can perform spot check and continuous pulse oximetry measurements.

Test results may be uploaded to a PC using Spirometry PC Software (SPCS).

Stored data may be printed to the integral thermal printer or to an external HP printer using the USB cable supplied.

This manual describes the operation of the pulse oximetry module only.

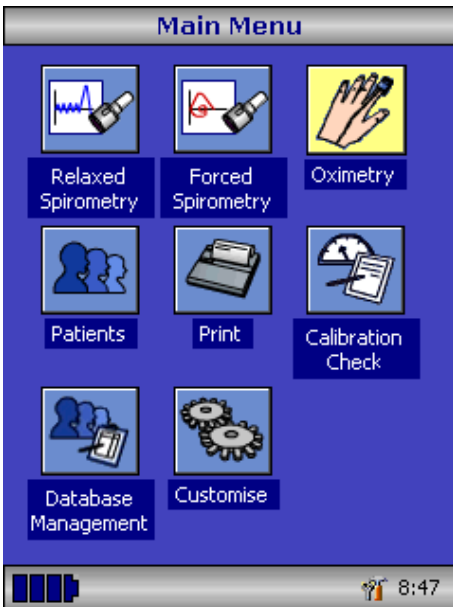
Please read in conjunction with the MicroLab operating manual for a complete description of the MicroLab operation.

Please refer to the Nonin® IPOD leaflet enclosed for instruction on the use of the pulse oximetry probe.

# Operation



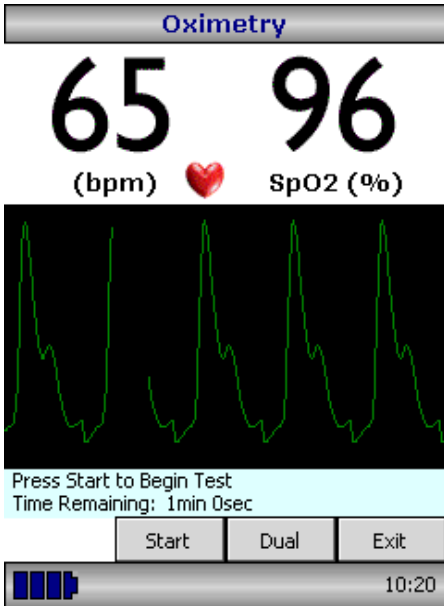
Please ensure that the Nonin IPOD is plugged in to either of the transducer sockets on the right hand side of the instrument.



When performing a test the recommended workflow is to enter the patient's details, or retrieve them from memory, perform the required test and then print and save the results.

Please refer to the MicroLab operating manual for details.

To perform a pulse oximetry test touch the oximetry icon with the stylus provided.



Follow the on screen instructions and then the finger pulse will be displayed.

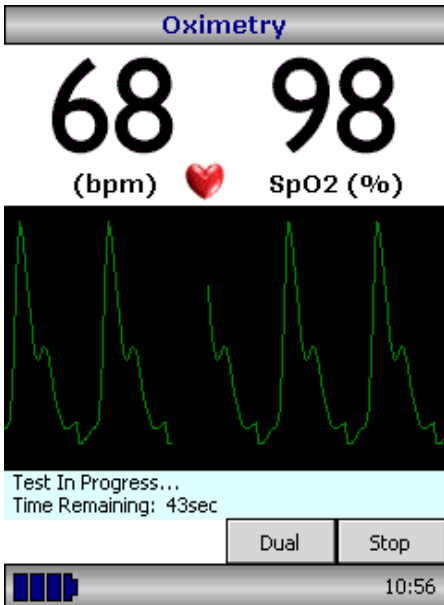
The waveform is colour coded as follows:

GREEN – good signal

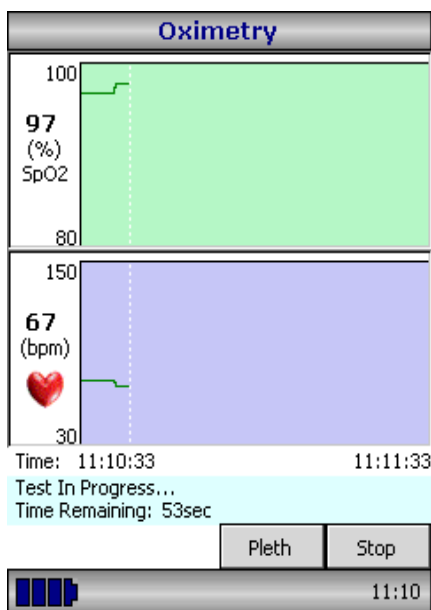
ORANGE – weak signal

RED – unusable signal

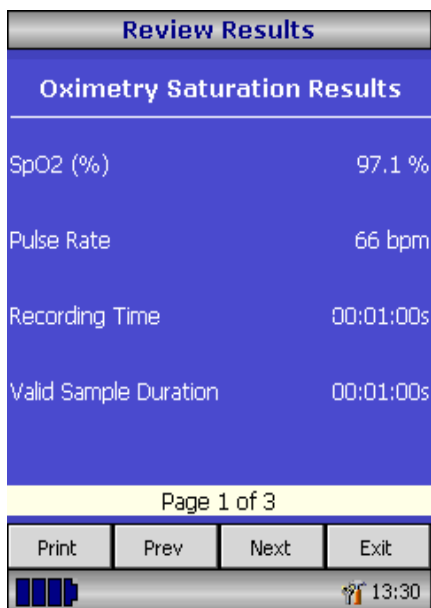
If the signal is orange or red then check the position of the probe in accordance with the supplied Nonin IPOD instructions. The test duration is displayed and may be adjusted using the customisation options.



Touch 'OK' when ready to start recording data. The time remaining is displayed but the test may be terminated at any time by touching 'Stop' if a shorter duration is required.

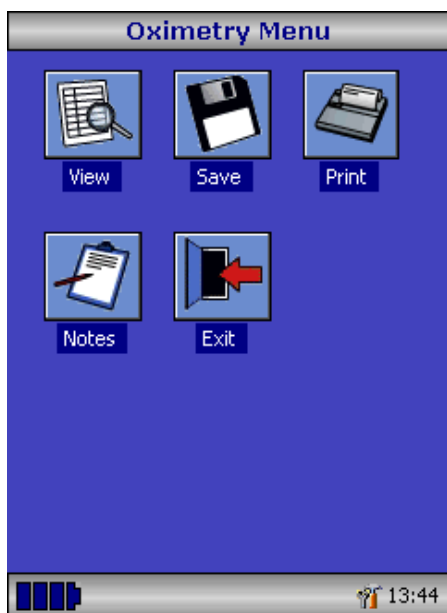


The display may be toggled between a dual display of SpO2 and heart rate or a display of the plethysmography waveform by touching 'Dual' or 'Pleth' during the test.



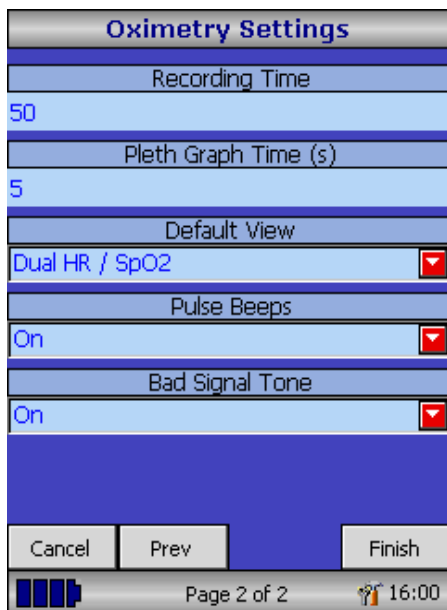
When the test cycle is complete, or when Stop is touched, the average SpO2 measurement over the test period will be displayed together with the average pulse rate, the recording time, and the period of time that a useable quality signal was obtained.

Touch 'Next' to obtain the maximum and minimum readings and also a trend graph of SpO2 and heart rate. Touch 'Exit' to obtain the Oximetry menu.



From this menu it is possible to review the results, save the results to memory, print the results, append notes to the pulse oximetry test and exit from the test.

## Customisation



Touch the oximetry icon from the 'Customisation' main menu to configure many of the pulse oximetry features.

## **Customer contact information**

### **UK Customers only**

For all Sales Order processing for products, training and spare parts, Service and Technical Support enquiries, please contact the following:

CareFusion UK 232 Ltd  
UK Customer Service & Support  
The Crescent  
Jays Close  
Basingstoke  
RG22 4BS

Customer Service Sales Enquiries:

Telephone: 01256 388550

Email: [micro.uksales@carefusion.com](mailto:micro.uksales@carefusion.com)

Factory Repair and Administration Enquiries:

Telephone: 01256 388552

Email: [micro.ukservice@carefusion.com](mailto:micro.ukservice@carefusion.com)

Technical Support Enquiries:

Telephone: 01256 388551

Email: [support.rt.eu@carefusion.com](mailto:support.rt.eu@carefusion.com)

### **International customers only**

For all Sales Order processing for products and Spare parts, Service and Technical Support enquiries, please contact the following:

Carefusion Germany 234 GmbH  
Customer Service & Support International  
Leibnizstrasse 7  
97204 Hoechberg  
Germany

Customer Service Sales Enquiries:

Telephone: 0049 931 4972 670

Email: [micro.internationalsales@carefusion.com](mailto:micro.internationalsales@carefusion.com)

Factory Repair and Administration Enquiries:

Telephone: 0049 931 4972 867

Email: [support.admin.eu@carefusion.com](mailto:support.admin.eu@carefusion.com)

Technical Support Enquiries:

Telephone: 0049 931 4972 127

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