

## Direct

## Pulse Oximetry Module for the MicroLab and MicroLoop Spirometers

The pulse oximetry module combines a high quality oximeter/sensor combination in a single unit that plugs direct into the new MicroLab or MicroLoop diagnostic spirometers. The device will make quick assessments and continuous (up to 60 minutes) measurements of Oxygen Saturation (SpO<sub>2</sub>) and heart rate (bpm) which are displayed on a high resolution color touch-screen.

The pulse waveforms are continuously displayed in green, yellow or red. Textual and audible warnings are available to ensure that abnormal saturation, heart rates and pulse artifact are immediately indicated. Analysis of the results from a continuous test is also possible and printout formats, both internal and direct 8 1/2" x 11" are selectable.

The instrument makes pulse oximetry quick and simple in supporting other respiratory investigations, vital in the management of COPD and other cardio respiratory disease.

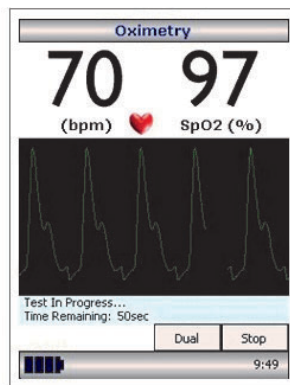
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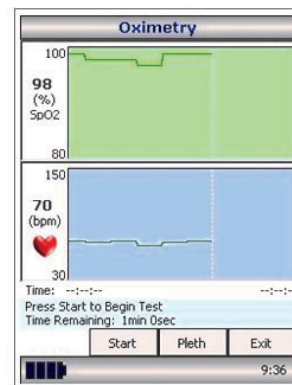


## Features

- Oxygen Saturation (SpO<sub>2</sub>) 0% to 100%
- Heart Rate (bpm) 18 - 300
- Quick assessment and continuous measurements
- Colored textual, pulse quality warnings
- Audible warning of abnormal saturation levels and heart rates
- Internal and external direct, result and trend printouts
- Accuracy: Blood Oxygen Saturation 70-100% +/- 2 digits (SpO<sub>2</sub>) (+/-1 S.D)
- Test recording time: 20 seconds to 60 minutes



Results Screen



Testing Mode