H200
Handheld
Pulse Oximeter

(SpO2) Oxygen Saturation®

(PR) Pulse Rate®

(Pi) Perfusion Index®
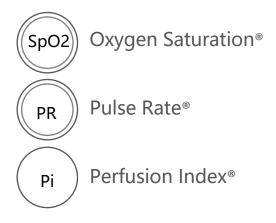
Introduction

H200 Handheld Pulse Oximeter is a Portable device capable of spot-check and continuous monitoring of SpO2 and pulse rate. If pulse oximetry varies from day to day, or perhaps hour to hour, H200 is ideal as your device of choice.·

Features

* Suitable for adults, Pediatrics, neonates as well as Pets SpO2 Monitoring
* Provide the parameter of PI(Perfusion Index)
* Performs SpO2 and pulse rate measurement
* 2.8" color LCD prominently displays SpO2 and pulse rate readings
* Adjustable visual and audible alarms.
* Choose from either lithium ion or AA alkaline batteries depending on your run-time needs

Adult

Pediatric

Neonate

Veterinary

Specification

Weight	343g (0.75 lb), including rechargeable batterie
Dimensions	80 mm W x 184 mm H x 42 mm D

Display

Screen	2.8 inch TFT
Resolution	240 x 320 pixels

Alarms

Categories	Patient status and system status
Priorities	Low, medium, and high
Notification	Audible and visual
Setting	Default, institutional, and last setting
Alarm volume level	49 to 89 decibels
Alarm system delay	<10 seconds

Range and accuracy

Range Type	Range Values
Measurement Ranges	
SpO$_2$ saturation range	1% to 100%
Pulse rate range	20 to 250 beats per minute (bpm)
Perfusion range	0.075% to 20%
Display sweep speed	6.25 mm/sec
Measurement Accuracy	
Saturation	
Adult	80% to 100% ± 2 digits
Low Saturation	70 to 80% ± 3 digits
Neonate	80 to 100% ± 2 digits
Low perfusion	80 to 100% ± 2 digits
Adult and neonate with motion	80 to 100% ± 3 digits
Pulse rate	
Adult and neonate	20 to 250 bpm ±3 digits
Low perfusion	20 to 250 bpm ±3 digits
Adult and neonate with motion	20 to 250 bpm ±5 digits

Optional （ETCO2）

Sensor Type	External Sidestream or Mainstream ETCO2
Sample Rate	50 mL/min, 10mL/min
Initialization Time	Capnogram displayed in less than 20 seconds Reaching full specifications within 20 minutes
CO2 Measure Range	0 - 150 mmHg ; 0 - 19.7%; 0 - 20kPa
CO2 Resolution	0.1 mm Hg
CO2 Accuracy	0 - 40 mmHg ±2 mmHg 40 - 114 mmHg ±5% of reading 71 - 100mmHg ±8% of reading 101 - 150mmHg ±10% of reading
Respriation Rate	Range 3 to 150BPM Accuracy ±1 breath
Calibration	No routine user calibration required, The mainstream sensor an airway adapter zero is required when changing to a different airway adapter
Compensation	Barometer Pressure 450 - 850 mmHg. User selectable O2 ,N2O,He compensation
Voltage & Power	5.0 VDC ±5%, power consumption less than 1.3W typical
Temp& Humidity	Operating: 0º to 40°, 10 to 90% RH, Storage: -40º to 70ºC, <90% RH
Data Interface	Rs232, 19200 baud rate, standard N-8-1. Fully compatible with Respironics CO2 module's communication protocol
Regulatory	Designed to comply YY0601 and ISO21647

Electrical

Battery	Rechargeable lithium batterie will typically provide 8 hours of monitoring
Type	AA
Voltage	1.5 V x 3

Packing Configuration

Main Unit with Silicon Case and Stand   *1PC
Probe as per customized   *1PC
User Manual   *1PC
Rechargeable Battery type
Type C USB cable   *1PC