



Professional Developing in NDIR Gas Measuring, including End Tidal CO₂ sensor and Anesthesia Gas Monitoring sensor, which is widely used in Operating Room, ICU, Transportation, as well as Veterinary Monitoring.



Alibaba shop



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Shenzhen Prior Care Science Technology Co.,Ltd



Company Profile

Since 2012, Shenzhen Prior Care Science Technology Co., Ltd. is a high-tech enterprise focusing on R & D, manufacturing and marketing of the end-tidal CO₂ & AG module & Multi-parameter patient monitor.

Prior Care has a strong R & D team with self-developed technology in NDIR gas analysis area. Our products support oxygen, nitrous oxide, anesthesia gas, as well as barometric pressure compensation. We can fully compatible with Respironics protocol and Phase in protocol, thus, original sensors could be replaced without any changes.

Quality First, Cost Effective, Reputation Above All is our mission. We are aiming at making every business win-win based on mutual benefits. Warmly welcome to join us!



Certificates



Product Catalogue

- ◎ **End Tidal CO₂**
 - LH800 Sidestream ETCO₂ Sensor
 - LH910 Mainstream ETCO₂ Sensor
 - CA80 Wireless Capnometer
 - CA100 Handheld SpO₂ & CO₂ Monitor
 - CA200 Portable SpO₂ & ETCO₂ Monitor
- ◎ **Anesthesia Gas Monitoring**
 - AG100 Side stream AGM Sensor
 - AG200 Main stream AGM Sensor
 - MG1000 Handheld Multi Gas Analyzer
 - MG2000 Portable Multi Gas Analyzer
- ◎ **Accessories**

LH800 Sidestream CO₂ Sensor



LH800 is a sidestream CO₂ sensor, measurement of end-tidal CO₂ concentration, respiration rate, inspired CO₂ concentration. It is generally used in patient monitor and anesthetic machine.

■ Features

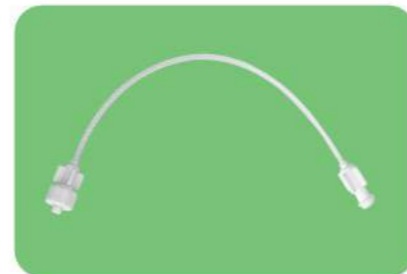
- Ideal for non-intubated patients
- No calibration required
- Barometer pressure, O₂, N₂O, He compensation for accurate measurement
- Gas Pump made in Germany makes sure continuously measuring for 10000 Hours
- Fully compatible with Respirationics module's protocol
- Private label option



Filter



Sample Line



Drying Tube

Filter together with Drying tube, makes Double Drying



T / L shape Airway Adapter for incubated patients



Nasal Cannula for Non-incubated patients

LH910 Mainstream CO₂ Sensor

LH900 is a plug and play mainstream CO₂ sensor. Less Accessories required makes welcome for incubated patients, as well as Veterinary Monitoring

■ Features

- Monitoring the patient's real time ETCO₂, respiration rate and Inspired CO₂
- Checking and confirm ET tube placement
- Alarming when accidental extubating occurs
- Detecting ventilator airway connection
- Fully compatible with respirationics module's protocol

■ Configuration



Single patient use Adult Adapter



Neonate Adapter

■ Compatible Brands



Philips



Nihon Kohden



Mindray



Respirationics /Edan



Comen



Contec

CA80 Wireless Capnometer



CA80 achieving the measuring of ETCO₂ and Respiratory Rate in all Respiratory Conditions. Its small size, light in weight and low energy consumption, makes it flexibility and convenience obviously. Suitable for CPR and emergency transportation.

Features

- Small in size, light in weight, only 60 grams
- Built in Battery back up to 6 working hours
- Large font display and waveform interface
- Transport Real Time Date to Monitor through USB

Configuration



Adult / Pediatric Mainstream Adapter



USB Charger



Magnetic USB Cable

Specification

CO ₂ Accuracy	0 - 40 mmHg ± 2 mmHg 41 - 70 mmHg ± 5% of reading 71 -100 mmHg ± 8% of reading
Respiratory Rate	Range 3 - 99 BPM Accuracy ± 1 breath
Alarm	Check adapter, No breath, Battery too low, ETCO ₂ too low, ETCO ₂ too high, INCO ₂ too high, RR too low, RR too high
Dimension	Size : 57(L)X 57(W)X 44(H) mm Weight : 60g(include battery and adapter)

CA100 Handheld SpO₂ & CO₂ Monitor

Features

- 5 Inch TFT display.
- Professional data analysis software for CO₂ monitoring.
- Storing 255 patients' historical data.
- Control printer which connected by pc, output trend graph, trend table report.
- Customized external mainstream ETCO₂ LH900 series, side stream LH800 and internal side stream ETCO₂.

Optional Configuration



With mainstream ETCO₂



With external Sidestream



With internal Sidestream



Monitoring, ETCO₂, AWRR, InCO₂, SpO₂, PR.
Standard: ETCO₂; Optional; SpO₂

CA200 Portable SpO₂ & ETCO₂ Monitor



CA200 has been designed to meet requirement of clinical application. Free Combination of any customized parameter can be satisfied.

Its smaller size makes it best choice for ambulance.

Introduction

- 7" color LCD display with 800*480 resolution
- Easy to learn and use, simplified menus and dedicated functions keys
- Free Combination of any customized parameter.
- 96 hours' data storage
- Rechargeable high capacity built-in Li Battery, continuously working for over 8 hours

Model List

CA200A	CO ₂ +SpO ₂
CA200B	ECG+SpO ₂ +CO ₂
CA200C	SpO ₂ +CO ₂ +Temp

- ◆ Suitable for adults, pediatrics and neonates, as well as Veterinary.

AG100 Sidestream Anaesthesia Gas Sensor

The AG100 sidestream anaesthesia gas module is the ideal anaesthesia solution for your patient monitoring system. AG100 suitable for adult, pediatric and infant patients; patients undergoing procedural sedation; and short-term monitoring of intubated patients.

Features

- GAS ID Identify Automatically.
- Fully compatible with PHASEIN protocol.
- Fast warmup time ensures full accuracy within 2 minutes.
- Barometer pressure and temperature compensation.
- Real-time and continuous measurement of gas concentrations and respiratory rate.



Standard CO₂, N₂O, ISO, SEV, DES, HAL, ENF,
Optional for paramagnetic O₂



Paramagnetic O₂

Measurement Accuracy

Gas Type	Range	Accuracy
CO ₂	0 - 10%	± (0.2 vol% +2% of reading)
	10 - 15%	± (0.3 vol% +2% of reading)
N ₂ O	0 - 100%	± (2vol% +2% of reading)
ISO, ENF, HAL	0 - 6%	± (0.2vol% +2% of reading)
DES	0 - 18%	± (0.2vol% +2% of reading)
SEV	0 - 8%	± (0.2vol% +2% of reading)

AG200 Mainstream Anaesthesia Gas Sensor

The AG200 series anaesthesia gas sensor is the ideal low sampling-rate anaesthesia solution for your patient monitoring system. AG200 is more cost effective compared to the AG100 Side stream AGM Sensor.



Measuring Gas: CO₂, N₂O, ISO, SEV, DES, HAL, ENF

Features

- Anaesthesia Gas ID Identify Manually.
- Barometer pressure and temperature compensation
- Fast warmup time ensures full accuracy within 2 minutes
- Fully compatible with PHASEIN's protocol

Configuration



Reusable Mainstream Adapter

Measurement Accuracy

Gas Type	Range	Accuracy
CO ₂	0 - 10%	± (0.2 vol% +2% of reading)
	10 - 15%	± (0.3 vol% +2% of reading)
N ₂ O	0 - 100%	± (2vol% +2% of reading)
ISO, ENF, HAL	0 - 6%	± (0.2vol% +2% of reading)
DES	0 - 18%	± (0.2vol% +2% of reading)
SEV	0 - 8%	± (0.2vol% +2% of reading)

MG 1000 Handheld Multi Gas Analyzer



Monitoring CO₂, N₂O, ISO, ENF, SEV

■ Features

- 5 Inch TFT Display with 480*272 resolution.
 - Built-in stand multi angle observation.
 - Automatic temperature and pressure compensation.
 - Self developed Data Analysis Software for Multi Gas Monitoring.
 - Rechargeable high capacity built-in Li Battery, continuously working for over 8 hours.
- ◆ Suitable for adults, pediatrics and neonates in a range of clinical environments including the OR, ICU, Ambulance, and Transportation.

■ Optional Configuration



MG2000 Multi Gas Analyzer

■ Features

- 7" color LCD display with 800*480 resolution.
 - Built in AG100 Side stream AGM Sensor, GAS ID Identify automatically.
 - Easy to learn and use, simplified menus and dedicated functions keys.
 - Rechargeable high capacity built-in Li battery, continuously working for over 8 hours.
- ◆ Designed for low tidal volumes with high breath rates for a wide range of clinical applications.



Standard CO₂, N₂O, ISO, SEV, DES, HAL, ENF, Optional for paramagnetic O₂

Accessories

■ Side stream



Water trap



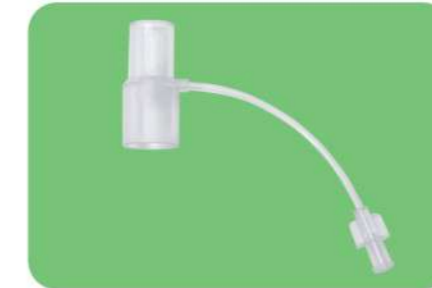
Sidestream filter



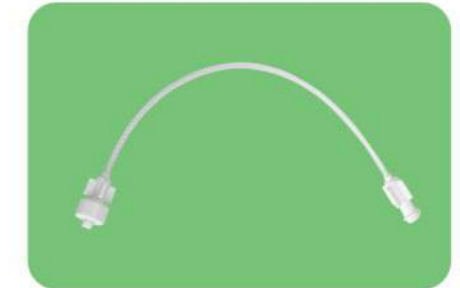
Sidestream adapter



L shape airway connector



T shape airway connector



Drying tube



Sample line



Micro stream sample line



Nasal cannula adult / pediatric

■ Mainstream Adapter



Single patient use Adult & Pediatric



Reusable Pediatric/ Neonate



Reusable adult