

CapnoSET® CO₂ Sensor

It is used to monitor the EtCO₂, respiration rate and real-time capnography of intubated patients

Features

- > Light weight, small size, high precision
- > plug and play
- > Service life is >40,000 hours
- > System response time is <1S
- > Efficient anti-condensation design
- > Atmospheric pressure , temperature, manual anesthetic gas compensation
- > Multiple defined interfaces, support customer customization



▲ CapnoSET®

Specifications

CO ₂		RR	
Range	0~20.0vol%	Range	0~150rpm
Accuracy	0~12.0vol%:±(0.2vol%+2% of reading) 12.0~20.0vol%:±(0.2vol%+6% of reading)	Accuracy	±1rpm
Resolution	1mmHg	Resolution	1rpm

Physical Parameter

Weight	≤ 35 g
Size	43x32x26mm;

Electical Specification

Power supply	DC.5V±5%
Power consumption	Rated input power: ≤1.5W (working steady state); Maximum power after power-on: ≤2.5W (preheating)
Communication	RS232 ,19200bps,or User defined

Operating Environment

Operating temperature	0~50°C(32°F - 122°F)
Operating humidity	15~90%RH,non-condensing
Atmospheric pressure	500-1200hpa

Storage Environment

Storage temperature	-20~70°C(4°F - 158°F)
Storage humidity	15~90%RH,non-condensing
Atmospheric pressure	400-1200hpa

Interfaces

Power and communication interface

The power and communication interface sockets use standard female DB9 connectors, and the pin definition diagram is as follows:



Note: The serial port is RS232 level.

No	Description
1	Unused
2	TXD (for the data line from the probe to the host)
3	RXD (for the data line from the host to the probe)
4	Unused
5	GND
6	Unused
7	Unused
8	Unused
9	PWR(· 5VDC)

Purchase Guider

Catalog	description	Image	Model	Code
 CapnoSET EtCO ₂ Sensor MainStream EtCO ₂ Module (Connector Choose one from four)	ODU Connector		M401B-ODU	120-080203-00
	DB9 Connector		M401B-DB9	120-080201-00
	1MP8 Connector		M401B-1MP8	120-080106-00
	Witleaf Monitor Connector		M401B-WIT	120-080205-00
EtCO ₂ Sensor Female Connector (Connector Choose One From Three)	ODU Female Connector		G51MC7-P08LFD0-0040	008-16008Z-03
	1MP8 Female Connector		1MP8 Female Connector	008-41008Z-00
	Witleaf Monitor Female Connector		KSK-659	008-36006Z-07
Sigle Use Airway Adapter	Adult/Pediatric Airway Adapter Sigle Use Airway Adapter 20 pcs/box		M401B-A	041-006003-00
	Infant Airway Adapter Sigle Use Airway Adapter 20 pcs/box		M401B-N	041-006004-00
Reuse Airway Adapter	Adult/Pediatric Airway Adapter Reuse Airway Adapter 20 pcs/box		M401B-RA	041-006005-00

* The data is subject to change without notice. Please refer to the manual for the contraindications and precautions