

SGSC2DM TiniStream® EtCO₂ Module

The SGSC2DM Module is used to monitor the EtCO₂, respiration rate and real-time capnography of intubated and non-intubated patients

Features

- > High precision, support side flow and micro flow applications
- > Working life of continuous pumping is >20000 hours
- > Rise time is less than 180ms; system response time is < 2s
- > Automatic zero calibration, the measurement of respiratory rate reaches 150rpm
- > The TiniLine® 8 filter with patent designed by Witleaf, can remove vapor, mucus and bacteria in the sampling line
- > Automatic atmospheric pressure, temperature, manual anesthetic gas compensation, and manual btps compensation.



▲ TiniStream® Build-in SideStream

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	0~70rpm : ±1rpm >70rpm : Undefined
Resolution	1mmHg	Resolution	1rpm

Physical Parameter		Electical Specification	
Weight	≤120g	Power supply	DC.5V±5%
Size	75x60x37mm	Power consumption	≤1.5W, steady state; ≤2.5W, when the oxygen sensor is running; ≤2.5W, the maximum power during zero calibration; ≤3.5 W, the maximum power with oxygen sensor zero calibration;
		Communication	RS232 or TTL,19200bps,or User defined

Operating Environment		Storage Environment	
Operating temperature	10~40°C(50°F - 104°F)	Storage temperature	-20~70°C (4°F - 158°F)
Operating humidity	15~90%RH,non-condensing	Storage humidity	15~95%RH,non-condensing
Atmospheric pressure	500-1200hpa	Atmospheric pressure	400-1200hpa

Purchase Guider

Catalog	Description	Image	Model	Code
SGSC2DM TiniStream® EtCO ₂ Module	62*51*25.5mm TiniStream®		SGSC2DM	042-070401-00
Internal tube	ID:1.5mm OD:3.2mm Length:50cm Silicone Hose			024-070407-00
Gas Outlet Connector	304		M402B-OL	025-070201-00
TiniStream® Gate Connect (Size Level Choose One From Two)	TiniStream® Gate Connect		M402DM -Connector-S	041-034001-00
	TiniStream® Gate Connect		M402D -Connector-L	041-034002-00
Accessorie	TiniLine® 8 filter For intubated /non-intubated patients 20 pcs/box		TiniLine® 8 filter	041-033001-00
	TiniLine® 8 Luer Sample Line For intubated patients 20 pcs/box		TiniLine® 8	041-033002-00
	TiniLine® 8 Adult/Pediatric Airway Adapter Sample Line For intubated patients 20 pcs/box		TiniLine® 8-AAA	041-033003-00
	TiniLine® 8 Infant Airway Adapter Sample Line For intubated patients 20 pcs/box		TiniLine® 8-IAA	041-033004-00
	TiniLine® 8-3LM Adult Nasal CO ₂ Cannula For non-intubated patients 20 pcs/box		TiniLine® 8-3LM	041-014013-00
	TiniLine® 8-3MF Pediatric Nasal CO ₂ Cannula For non-intubated patients 20 pcs/box		TiniLine® 8-3MF	041-014014-00
	TiniLine® 8-3SM infant Nasal CO ₂ Cannula For non-intubated patients 20 pcs/box		TiniLine® 8-3SM	041-014015-00

Catalog	Description	Image	Model	Code
Accessorie	TiniLine® 8-4LMS Adult Nasal CO ₂ Cannula With O ₂ For non-intubated patients 20 pcs/box		TiniLine® 8-4LMS	041-014016-00
	TiniLine® 8-4MFS Pediatric Nasal CO ₂ Cannula With O ₂ For non-intubated patients 20 pcs/box		TiniLine® 8-4MFS	041-014017-00
	TiniLine® 8-4SMS Infant Nasal CO ₂ Cannula With O ₂ For non-intubated patients 20 pcs/box		TiniLine® 8-4SMS	041-014018-00
	TiniLine® 8 EtCO ₂ Analyzer Mask, Large Adult For non-intubated patients 20 pcs/box		TiniLine® 8-LAAM	041-024007-00
	TiniLine® 8 EtCO ₂ Analyzer Mask, Small Adult For non-intubated patients 20 pcs/box		TiniLine® 8-SAAM	041-024008-00
	TiniLine® 8 EtCO ₂ Analyzer Mask, Pediatric For non-intubated patients 20 pcs/box		TiniLine® 8-PAM	041-024009-00

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