

Kingst® Plug and Play Micro flow™ EtCO2 Module Capno-S



Capno-S EtCO2 Module 664513

Product Features

- A. PLUG AND PLAY. The host only needs a standard Remo socket and Internal serial port without interior space and circuit.
- B. HIGH ACCURACY. Temperature and Pressure Compensation, and full range of factory calibration ensure the accurate measurement within 0-20% of range.
- C. AUTOMATIC ZERO FUNCTION, NO NEEDING MANUAL ZERO FOR ANY TIME
- D. THE EXTREMELY LONG LIFE AND VERY LOW NOISE. Multi-dimensional and redundant design for gas path, hardware and software ensure long-term stability of the module. it does not need to calibrate within its lifespan.
- E. LOW POWER CONSUMPTION. Suitable for battery use
- F. AUTOMATIC PRESSURE COMPENSATION. Within very wide pressure range of 400-960mmHg, it maintains measurement accuracy by onboard barometric sensor
- G. THE PATENTED FILTER can continuously work in long time and be used repeatedly, reducing costumer's usage cost.
- H. THE DEDICATED FI-LOCK inlet port can intellectively identify and indicate the status of the filter's plug-in and respiration
- I. COMPREHENSIVE OEM RESOLUTION OF CO2. Multiple communication protocols. Moreover, our long-term and accumulated technology and experience easily help you to realize upgrading technology and performance.

Technique: Non-dispersive infrared gas analysis, Multi-channel

infrared detector, Infrared resource, no moving ports

-40to 70°C, <90% RH, non-condensing Operation: 5 to 50°C, 10 to 90% RH, non-condensing

Circumstance pressure: 55-115kP

Power demand: 5 V±5% (max ripple 200 mVp-p)

Power consumption: <120mA normally, <280mA during deviation calibration

Interface: RS-232/ Standard E-8-1,38.4 kBaud,10ms

data interval(KM) or customized communication protocol.

CO2 measurement range: 0-19.7%, 150mmHg, or 0-20kPa

CO2 resolution: 0.1mmHg CO2 measurement accuracy:

0 - 40 mmHg ± 2 mmHg

41 - 70 mmHg ± 5% of reading

71 - 100 mmHg ± 8% of reading

101 - 150 mmHg ± 10% of reading

Respiration rate: 2-150 bpm

Respiration rate accuracy: 1% ±1bpm

Compensation: N2O,O2,Agent(HOST supplied)

Barometric Pressure compensation: 400 to 860mmHg automatic

Warm-up time: To reach designed deviation 97% within 8s, to

reach designed deviation within 20s

Rise time: About 200ms

Flow Rate: 50-200ml/min selectable

Calibration: No routine user calibration required

Zero: zero automatically when need

EtCO2 calcualtion: every breath, 10 or 20s averagely

IPX4-Splash-proof

Shock Impact: IEC TR 60721-4-7 Class 7M3, EN60068-2-27

Shock, EN60068-2-64 Random vibration

Regulatory Designed to meet the following standards:

IEC 60601-1-2, EN55011 - CISPIR 11 Class B

IEC 61000-4-2 Electrostatic Discharge Immunity,

IEC 61000-4-3 Radiated Immunity,

Designed to comply with 93/42/EEC (MDD CE Marking), FDA

Standards, Minimum Performance and Safety Requirements for

Capnometers ISO80601-2-55

Accessories' Features and Configurations

	Luer	Filter membal	Moisture transpare membanc	Storag	Term	Patient type type	Recover	Unit packagii
T4F Filter 664522	Female			1.3ml	Long	Adult Pediatric Infant	24hours	25
	Luer	Length	Patient	O2 tubing	Adult	Pediatric	Tapt	Unit packaging
Sample line 662503	Female	2.4m	Intubated					10
			Unintubated Unintubated					10
CO2/O2 Nasal tube 660425	Female	2.0m						5
	Sample line 662503 CO2 Nasal tube 660423 CO2 Nasal tube 660424 CO2/O2 Nasal tube 660425	Sample line 662503 Female CO2 Nasal tube 660423 Female CO2 Nasal tube 660424 Female CO2/O2 Nasal tube 660425 Female	T4F Filter 664522 Female Sample line 662503 Female CO2 Nasal tube 660423 Female CO2 Nasal tube 660424 Female CO2 Nasal tube 660424 Female 1.5m	T4F Filter 664522 Female Sample line 662503 Female CO2 Nasal tube 660423 Female CO2 Nasal tube 660424 Female CO2/O2 Nasal tube 660425 Female 2.0m Unintubated	T4F Filter 664522 Female Sample line 662503 Female CO2 Nasal tube 660423 Female CO2 Nasal tube 660424 Female CO2/O2 Nasal tube 660425 Female	T4F Filter 664522 Female Sample line 662503 Female CO2 Nasal tube 660423 Female CO2 Nasal tube 660424 Female CO2 Nasal tube 660424 Female CO2 Nasal tube 660425 Female CO2/O2 Nasal tube 660425 Female	T4F Filter 664522 Female Sample line 662503 Female CO2 Nasal tube 660423 CO2 Nasal tube 660424 Female CO2 Nasal tube 660425 Female CO2 Nasal tube 660425 Female CO2/O2 Nasal tube 660425 Female	T4F Filter 664522 Female Sample line 662503 Female CO2 Nasal tube 660423 Female CO2 Nasal tube 660424 Female CO2 Nasal tube 660425 Female CO2 Nasal tube 660425 Female CO2/O2 Nasal tube 660425 Female

Airway Adapter



T Airway Adapter 662531 10pcs/Box

