

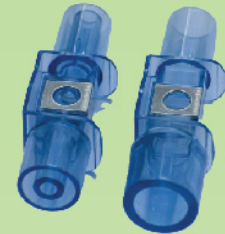
EMCO 3400 Capnograph



with **ZUG**
MEDICAL SYSTEMS
France

MAINSTREAM

Principle of Operation	Non-dispersive Infrared (NDIR) single beam optics, dual wavelength, no moving parts. Mechanical Robustness, Compliant with the requirements of ISO 80601-2-55:2011 (Shock and Vibration).
Weight	≤ 35g
Dimension	43 x 32 x 26 mm
Measurements	EtCO ₂ , InsCO ₂ , RR and real-time CO ₂
Auto Compensation	Atmospheric pressure, temperature and anesthetic gases.
Warm-up Time	about 30s
Rise Time	≤ 90ms
Sample Frequency	25Hz Total System
Response Time	≤ 1s
etCO₂ Parameters	
CO ₂ Range	0 ~ 20 vol%
CO ₂ Resolution	0.1 vol%
CO ₂ Accuracy	± 0.2vol%+2% of reading (0 ~ 12%) ± 0.2vol%+6% of reading (12 ~ 20%)
Respiration Parameters	
AWRR Range	0 ~ 150 rpm
AWRR Resolution	1rpm
AWRR Accuracy	±2rpm (0 ~ 70rpm)
Breath Detection	Adaptive threshold, minimum 1 vol% change in CO ₂ concentration.



Neonate
Ariway
Adaptor Adult/Paed
Airway
Adaptor

SIDESTREAM

Principle of Operation	Non-dispersive Infrared (NDIR) single beam optics, dual wavelength. Mechanical Robustness, Compliant with the requirements of ISO 80601-2-55:2011 (Shock and Vibration).
Weight	≤ 180g
Dimension	90 x 60 x 31 mm
Measurements	EtCO ₂ , InsCO ₂ , RR and real-time CO ₂
Auto Compensation	Atmospheric pressure, temperature and anesthetic gases.
Rise Time	≤ 180ms
Sample Frequency	25Hz Total System
Response Time	≤ 2s (2m Sampling Line)
Sampling Rate	50 ml/min (Microflow) (± 10 ml/min)
etCO₂ Parameters	
CO ₂ Range	0 ~ 20 vol%
CO ₂ Resolution	0.1 vol%
CO ₂ Accuracy	± 0.2vol%+2% of reading (0 ~ 12%) ± 0.2vol%+6% of reading (12 ~ 20%)
Respiration Parameters	
AWRR Range	0 ~ 150 rpm
AWRR Resolution	1rpm
AWRR Accuracy	±1rpm (0 ~ 70rpm)
Breath Detection	Adaptive threshold, minimum 1 vol% change in CO ₂ concentration.



Sampling Line (2m)



At the heart of
healthcare

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