



ECTO2 MODULE- MAIN STREM C500

C500 / C300 FEATURES	
Transducer Type	Mainstream CO2 sensor/side stream co2 sensor
Principle of Operation	Non-dispersive infrared (NDIR) single beam optics, dual wavelength, no moving parts
Intialization Time	Capnogram displayed in less than 3 seconds, at an ambient temperature of 25n, full specification within 30 seconds
CO2 Measurement Range	0 to 150 mmHg, 0 to 19.7%, 0 to 20 kPa
CO2 Calculation Method	BTPS (Body Temperature Pressure Saturated)

CO2 Rise Time (10-90% of step change of final CO2 Value)	Less than 8 ms - Adult reusable or single patient use Less than 8 ms - Infant reusable or single patient use
CO2 Accuracy* Sampling Rate	0-40 mmHg [2mmHg 41-70 mmHg [5% of reading 71-100 mmHg [8% of reading 101-150 mmHg [10% of reading*NOTE: Temperature at 35n. 100 Hz
Respiration Rate Range	2 to 150 breaths per minute (BPM)
Respiration Rate Accuray	[1 breath