

CARFIL QUALITY
YOUR SUPPLIER FOR ALL LABORATORY NEEDS

Capnotrue® AMP Mainstream CO2/SPO2 Monitors (for rats and large animals)



Features

Advanced an reliable capnograph and puls oximeter combined in a single monitor.

- Mainstream CO^2 measurement with the IRMA™ CO^2analyzer
- Warm-up time: < 10s full specification
- Direct measurement without time delay
- Small, light-weight and shock-resistant: the IRMA™ CO^2 analyzer weighs less than 30 g
- Adult/paediatric, infant/neonatal, and a **for rat modified** IRMA™ airway adapter
- Plug and measure technology
- IRMA™ airway adapters with non-condensing light transmissionXTP™window
- No occlusion by water or mucus possible
- Full range of key technology accessories
- Maintenance and calibration-free technology
- Wide range of high-quality SpO2 sensors

Dilivery Package

- Mainstream device
- IRMA™ CO^2 analyser
- Reusable SpO^2 sensor
- CapnoTrue® power supply (EU and UK plug)
- USB data cable
- IRMA™airway adapter (adult/paediatric)
- Instruction manual
- 1 Li-ion rechargeable battery
- PC software
- 4 batteries (AA)

The CapnoTrue AMp Mainstream Monitor can be used in combination with the uno MiCroVenTiLaTor -



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The CapnoTrue AMP and ASP - CO^2/SpO^2 monitors including the IRMA™ CO^2 analyzer, ISA™ CO^2 analyzer and SoftCap Sensors are classified and certified as class IIb products.

Technical spcifications

Measurement range	EtCO² and FICO²	0-15%
	SpO²	0-100%
	Respiration rate	0-150 breaths/min
	Pulse rate	20-300 beats/min
Accuracy	EtCO² and FICO²	+/- (0.2 vol % + 2% of reading) +/- (0.3 vol % + 4% of reading) incl. interfering gas
	SpO²	+/- 2% (70-100%)
	Respiration rate	+/-1 digit at 60 breaths/min
	Pulse rate	+/- ditit (uop to 100/min) or +/- 1% (<100/min)
Display		
Characteristics	Active OLED colour graphic display, 262.000 colours, 240 x 320 dots	
Displayed data	End-tidal CO²and inspired CO² in vol %, kPa or mmHg, oxygen saturation, respirationrate, pulse rate, capnogram, plethysmogram and short term trend	
Indicators	Signal strength and signal quality, pulse amplitude, battery status, alarm mut, pulse tone mute, neonatal mode, time	
Trend information		
Long term trend	up to 400 hours	
Short term trend	15 min/1h/6h	
Language versions		
	Englisch	(additional language versions on request)
Environmental conditions		
Operation	0 - 50°C, 15 - 95% r.H. (non-condensing), 60 - 120 kPa (excl. Li-ion battery)	
Storage	-30 - 70°C, 10 - 95% r.H. (non- condensing),60 - 120 kPa (excl. Li-ion battery)	
Classification		
Product class	IIb (in accordance with MDD 93 / 42 / EEC)	
Safety	Class of protection II / type BF	



Construction	IPX1
Standards	EN 60601-1:2006, EN 60601-1-1:2001, EN 60601-1-2:2007, EN 60601-1-8:2004, DIN EN 60529, EN ISO 21647:2004,EN ISO 9919:2005
Miscellaneous	
Dimensions	(LxWxD) 150 mm x 75 mm x 35 mm
Weight	<400 g (complete divice with batteries)
Power supply	90-260 VAC/6 VDC, 50-60 Hz, 4 AA batteries, 2.5 Ah Li-ion battery
Battery capacity	up to 6 hours continuous operation
Communication interface	USB 2.0

Ordering number

180000170	Capnotrue AMP
180000172	Adjusted Probe to be used with Rats
180000173	Probe to be used with larger Animals