



## CAPNOTRUE® AMP MAINSTREAM CO<sub>2</sub> /SPO<sub>2</sub> MONITORS

*Advanced and reliable capnograph and pulse oximeter combined in a single monitor.*



### Key features of CapnoTrue® AMP

- Mainstream CO<sub>2</sub> measurement with the IRMA™ CO<sub>2</sub> analyzer
- Warm-up time: < 10s full specification
- Direct measurement without time delay
- Small, light-weight and shock-resistant: the IRMA™ CO<sub>2</sub> 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 transmission XTP™ window
- No occlusion by water or mucus possible
- Maintenance and calibration-free technology
- Full range of key technology accessories
- Wide range of high-quality SpO<sub>2</sub> sensors

### Delivery Package of CapnoTrue® AMP

- Mainstream device
- IRMA™ CO<sub>2</sub> analyzer
- Reusable SpO<sub>2</sub> sensor
- CapnoTrue® power supply (EU and UK plug)
- Silicone protective cover
- 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 - UMV-03.

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

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## TECHNICAL DATA

<b>Specification</b>		
Measurement range	EtCO <sub>2</sub> and FICO <sub>2</sub>	0-15%
	SpO <sub>2</sub>	0-100%
	Respiration rate	0-150 breaths/min
	Pulse rate	20-300 beats/min
Accuracy	EtCO <sub>2</sub> and FICO <sub>2</sub>	+/- (0.2 vol % + 2% of reading) +/- (0.3 vol % + 4% of reading) incl. interfering gases
	SpO <sub>2</sub>	+/- 2% (70 - 100%)
	Respiration rate	+/-1 digit at 60 breaths/min
	Pulse rate	+/-1 digit (up to 100/min) or +/- 1% (> 100/min)
<b>Display</b>		
Characteristics	Active OLED colour graphic display, 262,000 colours, 240 x 320 dots	
Displayed data	End-tidal CO <sub>2</sub> and inspired CO <sub>2</sub> in vol %, kPa or mmHg, oxygen saturation, respiration rate, pulse rate, capnogram, plethysmogram and short term trend	
Indicators	Signal strength and signal quality, pulse amplitude, battery status, alarm mute, pulse tone mute, neonatal mode, time	
<b>Trend information</b>		
Long term trend	up to 400 hours	
Short term trend	15 min/1h/6h	
Language versions		
	English	(additional language versions on request)
<b>Environmental conditions</b>		
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)	
<b>Classification</b>		
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	
<b>Miscellaneous</b>		
Dimensions	(LxWxD) 150 mm x 75 mm x 35 mm	
Weight	< 400 g (complete device 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	

For more information please contact:

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