

CAPNOTRUE MG

Veterinary Handheld Multi-Gas Monitor

HIGH-PERFORMANCE AND VERSATILITY

The compact design and outstanding performance of the Vetland Medical CapnoTrue MG multi-gas monitor makes it a reliable choice for pulse oximetry and mainstream monitoring of anesthetic agents and CO₂.

This lightweight, easy-to-handle monitor is a flexible, mobile device for identifying and quantifying the five most important anesthetic agents as well as other gases and parameters:

- Isoflurane, Sevoflurane, Halothane, Desflurane
- N₂O
- EtCO₂, FiCO₂
- Oxygen saturation
- Respiration and Pulse Rate

CapnoTrue MG Features:

- Innovative, micro-optic technology
- Direct mainstream measurements without time delay
- Compact, robust and ultra-light multi-gas analyzer
- Warm-up time: <20 seconds full specification
- Maintenance and calibration-free technology
- Self-explanatory, ergonomic operating functions facilitate intuitive operation
- The color information display, as well as the simple information structure, support quick decisions and a rapid user-reaction in critical situations
- Leading-edge power management with standard alkaline batteries or Li-Poly batteries or medical power supply (or combined)
- Up to 18 language versions available



Multi-Gas Analyzer with SpO₂/CO₂ only Options



502-671-1014 | 866-476-0589

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Specifications:

Display:		
Parameters Displayed	Numerical	End-tidal (et) CO ₂ -, N ₂ O - and agent concentrations, inspired (Fi) CO ₂ -, N ₂ O- and agent concentrations, oxygen saturation (SpO ₂), Respiration Rate (RR), Pulse Rate (PR)
	Graphical	Capnogram and trends of numerical data (15 min/ 1 h/ 6h)
	Indicators	Signal strength and signal quality, pulse amplitude, battery status, alarm mute, pulse tone mute, storage status, real-time mode, time
Characteristics	Active OLED colour graphic display, 262 000 colors, 240 x 320 pixels (42mmx 56mm)	

Capnography & anesthetic agent measurement specifications:

Measurement Range	EtCO ₂ & FiCO ₂	0-15%
	FiN ₂ O	0-100%
	Hal, Iso, Enf	0-8%
	Sev	0-10%
	Des	0-22%
	Respiration Rate	0-150 l/min
Accuracy	EtCO ₂ & FiCO ₂	±(0.2 Vol% +2% of reading)
		±(0.3 Vol% +4% of reading) incl. interfering gases
	N ₂ O	±(2 Vol% +2% of reading)
		±(2 Vol% +5% of reading) incl. interfering gases
	Hal/Iso/Enf/Sev/Des	±(0.15 Vol% +5% of reading)
Respiration Rate	±1 digit	
Warm-up time	<20 seconds full specification	

Pulse oximetry specifications:

Measurement Range	SpO ₂	0 - 100%
	Pulse Rate	20 - 300 l/min
Accuracy	SpO ₂	±2% (70 - 100%)
	Pulse Rate	± 1 digit (up to 100 l/min) or ±1% (>100 l/min)

Trend Information:

Long term trend	Up to 150 hours
Short term trend	15 min/1 h/6h

Alarms:

Limits	Adjustable limits for all numerical parameters except for MAC
Alerts	Audible and visual alarms (complies with EN 60601-1-8)

Storage Data:

Communication interface	USB 2.0
Data memory capacity	Up to 150 hours
Real-time mode	Visualization and storage of numerical parameters on a computer every 4 sec.
Computer Software	CapnoTrue MG PC Software for data download and real-time mode

Language versions:

Please indicate language when ordering	Europe: EN, DE, ES, FR, IT, NL, SE, RU (additional language versions on request)
	Asia: EN, CN, JP (additional language versions on request)



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Power Supply:	
Battery:	Working time with full functionality approx. 4.5 hours, 4 Alkaline batteries (AA / LR6 / AM3 / MN1500 /Mignon), 1.5v
Li-Poly battery:	Working time with full functionality approx. 7 hours, Li-Poly battery, Model No. CT-2500, 3.7 V, 2500 mAh, charging time approx. 5 hours
AC power supply:	Model No. FW 7660M/06, medical power supply with option for country-specific input plug, input: 90-260 V AC/ 50-60 Hz / 250mA, output: 6 V DC/ 1.4A

Environmental conditions:	
Operation:	50° - 104°F (10° - 40°C), 15-95% RH (non condensing), 60-120 kPa (excl. Li-Poly battery)
Storage:	-4 - 158°F (-20° - 70°C), 10-95% RH (non-condensing), 60 -120 kPa (excl. Li-Poly battery)

Physical Characteristics:	
Dimensions: (L x W x D)	150mm x 75mm x 35mm
Weight:	<400 g (complete device with batteries)

CapnoTrue MG Multi-Gas Analyzer

The compact IRMA AX+ Multigas Analyzer which weighs just 25 g, sets new standards in mainstream anaesthetic agent monitoring and provides reliable and comprehensive monitoring of CO₂, N₂O, Halothane, Isoflurane, Sevoflurane and Desflurane through direct measurement without time delay.



- 9-channel NDIR gas type analysis (4 - 10 µm)
- Calibration and maintenance-free
- Compact and shock-resistant design
- Plug-and-measure technology

IRMA Airway Adapter

The IRMA Airway Adapter with low dead space volumes are supplied in two versions for adult/ paediatric and infant applications.



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