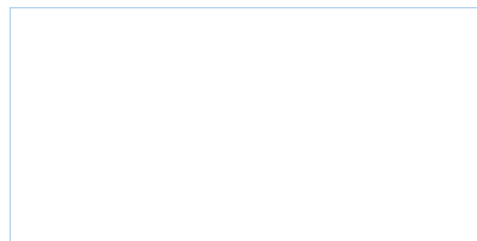


Technical data – CapnoTrue AMP/ASP – Veterinary version

Specification		
Measurement range	etCO ₂ and FiCO ₂	0 - 15 %
	SpO ₂	0 - 100 %
	Respiration Rate	0 - 150 1/min
	Pulse Rate	20 - 300 1/min
Accuracy	etCO ₂ and FiCO ₂	+/- (0.2 Vol % + 2 % of reading)
		+/- (0.3 Vol % + 4 % of reading) incl. interfering gases
	SpO ₂	+/- 2 % (70 - 100 %)
	Respiration Rate	+/-1 digit at 60 1/min
	Pulse Rate	+/-1 digit (up to 100 1/min) or +/- 1% (> 100 1/min)
Display		
Characteristics	Active OLED colour graphic display, 262,000 colours, 240 x 320 pixel (42 mm x 56 mm)	
Displayed data	End-tidal CO ₂ and inspired CO ₂ 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, storage status, real-time mode, neonatal mode, time	
Trend information		
Long term trend	up to 400 hours	
Short term trend	15 min/1 h/6 h	
Storing data		
Communication interface	USB 2.0	
Data memory on device	up to 400 hours	
Real-time mode	Visualisation and storage of numerical parameters on a computer every 4 seconds	
Computer software	CapnoTrue® PC Software (for data download and real-time mode)	
Language versions		
Please indicate language version 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)	
Environmental conditions		
Operation	0 - 50 °C, 15 - 95 % RH (non-condensing), 60 - 120 kPa (excl. Li-Poly battery)	
Storage	-30 - 70 °C, 10 - 95 % RH (non-condensing), 60 - 120 kPa (excl. Li-Poly battery)	
Classification		
Safety	Class of protection II / type BF	
Construction	IPX1 (with silicone protective cover)	
Standards	EN 60601-1:1988; IEC 60601-1-2:2007; IEC 60601-1-4:2000; IEC 60601-1-8:2006; ISO 21647:2004; ISO 9919:2005; ISO 5356-1:2004; DIN EN 1789:2007, EN864:1996	
Miscellaneous		
Dimensions (L x W x D)	150 mm x 75 mm x 35 mm	
Weight	< 400 g (complete device with batteries)	
Power supply	Power supply 90 - 260 V AC/6 V DC, 50 - 60 Hz, 4 AA batteries, 2.5 Ah Li-Poly battery	
Battery capacity	approx. 6 hours continuous operation	
Communication interface	USB 2.0	

Specification subject to change

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For further information, please visit
www.bluepoint-medical.com

CapnoTrue® – CO₂/SpO₂ Monitor

»» Veterinary version



»» PRODUCTS that care for you ««

CapnoTrue® AMP and CapnoTrue® ASP for veterinary applications Mainstream and Sidestream CO₂/SpO₂ Monitors



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

Key features of CapnoTrue® AMP

- Mainstream CO₂ measurement with the **IRMA™ CO₂ Analyzer**
- Warm-up time: < 10 s full specification
- Direct measurement without time delay
- Small, light-weight and shock-resistant: the **IRMA™ CO₂ Analyzer** weighs less than 30 g
- Small and large **IRMA™ Airway Adapters**
- Plug and measure technology
- **IRMA™ Airway Adapters** with non-condensing light transmission XTP™ window
- No occlusion by water or mucus
- Maintenance and calibration-free technology
- Full range of key technology accessories
- 2 models of high-quality SpO₂ sensors are available

Key features of CapnoTrue® ASP

- Sidestream CO₂ measurement with the **ISA™ CO₂ Analyzer** and Nomo technology
- Warm-up time: < 10 s full specification
- Specially designed for low flow applications: 50 ml/min sampling flow for all applications
- For intubated and non-intubated animals
- Maintenance and calibration-free technology
- The Nomo Adapter is specifically designed to remove water and water vapour from the sampled gas
- The Nomo Adapter includes a hydrophobic bacterial filter to protect against water intrusion and cross contamination
- Full range of key technology accessories
- 2 models of high-quality SpO₂ sensors are available

Delivery Package of CapnoTrue® AMP

- Mainstream device
- IRMA™ CO₂ Analyzer
- IRMA™ Airway Adapter (small/large)
- Reusable SpO₂ sensor
- USB data cable
- CapnoTrue® power supply (EU and UK plug)
- 4 batteries (AA)
- 1 Li-Poly rechargeable battery
- Silicone protective cover
- PC software
- User manual

Delivery Package of CapnoTrue® ASP

- Sidestream device
- Nomo Adapter
- Sampling line
- Sidestream Airway Adapter (small/large)
- Reusable SpO₂ sensor
- USB data cable
- CapnoTrue® power supply (EU and UK plug)
- 4 batteries (AA)
- 1 Li-Poly rechargeable battery
- Silicone protective cover
- PC software
- User manual



Applications

CapnoTrue® AMP Vet und ASP Vet are well suited for pulse oximetry and for sidestream or mainstream capnography in mechanically ventilated animals.



CapnoTrue® AMP/ASP PC Software

With the convenient **CapnoTrue® PC Software** all measuring values, selected alarm limits and alarm messages can be transferred to the computer via the USB interface. The data can be viewed on the computer and patient information added. The PC software enables basic statistical evaluation of the stored data.

The software can also be used to display and store the measurement values and alarm messages on the computer in parallel to ongoing measurements. This function is activated by setting the real-time mode on the **CapnoTrue®**. When this mode is activated, the device transfers the actual measurement values for etCO₂, FiCO₂, SpO₂, Respiration Rate and Pulse Rate measurement values every 4 seconds via USB to the PC.



IRMA™ Airway Adapter and IRMA™ CO₂ Analyzer

CapnoTrue® AMP Accessories

Mainstream measurement

The 30 gram lightweight **IRMA™ CO₂ Analyzer** sets new standards in CO₂ mainstream monitoring and provides reliable and easy CO₂ monitoring by direct measurement without time delay.

- Small and lightweight
- Plug and measure technology
- Shock resistant

The **IRMA™ Airway Adapters** are supplied in two versions for small and large animals.



Nomo Adapter

Sampling line



Small Adapter (2-10 mm)

Large Adapter (15 mm)

CapnoTrue® ASP Accessories

Sidestream measurement

In combination with the Nomo technology that removes water from the sampled gas, the **ISA™ CO₂ Analyzer** delivers highest performance in an ultra-compact format.

The Nomo technology allows up to two weeks of continuous monitoring with high moisture containing breathing gases – a first for capnography.

Available SpO₂ sensors



Tongue Clip Sensor

Y Sensor