

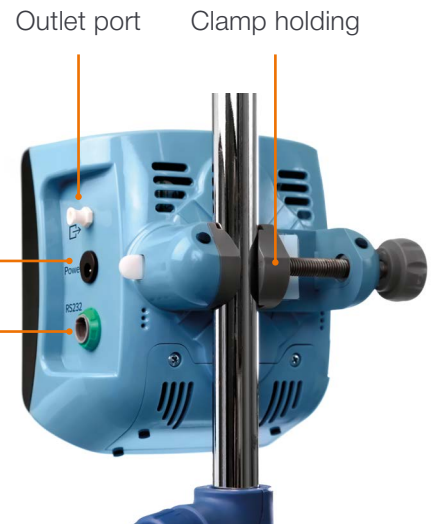
Treaton
continuous innovation

Complete solution
for anesthesiologists:
**Anesthesia Gas
Monitoring**

Multigas Analyzer AMG-06



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Multigas Analyzer AMG-06 is intended for continuous non-invasive sidestream monitoring of CO₂ & anesthetics concentration in inspired and expired gases. The device also determines RSP, apnea, MAC index and measures atmospheric pressure in operating rooms and wards when providing anesthetic support.

Application: anesthesiology, intensive care during postoperative period, prolonged sedation, resuscitation.

Patient groups: Adults, children from 3-year-old.

Measured gases: Isoflurane, Sevoflurane, Desflurane, CO₂.

Operation principle: non-invasive, sidestream.

High measurement accuracy: unique technology based on the non-dispersive infrared method of measuring, enables to measure anesthetics and CO₂ concentration precise and fast due to an in-house high-precision sensor. Measurement accuracy corresponds to the standard EN ISO 80601-2-55.

Patient's safety: manual selection of the anesthetic type, automatic detection of the incorrect choice. Accurate anesthetic concentration measurement ensures to make safe anesthesia, especially using low-flow method.

Built-in battery: turn-on automatically in the absence of power supply, allows the device to work autonomously up to 2 hours.

Advantages

Design

- Simple design, light weight, compact;
- Portable device, can be used during nosocomial patient transportation;
- Fits into any working environment. The device can be fixed on any surface due to its universal mounting system.

Operation

- Intuitive interface, sensitive touchscreen;
- Minimum set of the most necessary functions;
- Can be used with high-frequency electrosurgical devices;
- Works with an external information system (MIS), possess Wi-Fi function;
- Maintenance-free.

Safety for a patient

- Safe at low-flow anesthesia;
- Automatic detection of installed water trap (adult or neonate version);
- Displaying of the real time gas concentration;
- Extended user friendly alarm system (visual and audible signals, text messages, vibration);
- Alarm log and 72 h trends with intuitive navigation system and alarm filtering, freezing of CO₂ and anesthetic graph in the main screen;
- Integrated MAC calculation;
- Safe use of consumables (sampling tube): the device has a special valve which prevents the reverse flow of gas through the sampling tube.

Accessories

- All accessories are standard and easily accessible worldwide.



To improve patient' safety you can use Multigas Analyzer with Depth of anesthesia and sedation monitor MGA-06

MGA-06 is a monitor assessing depth of anesthesia and designed to increase patient safety through continuous monitoring of the Brain Activity Index. The index indicates the level of conscience depression by analyzing EEG, taking into account information on typical signs of anesthetics impact on patient.

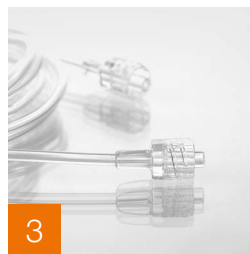
More on www.treat-on.com

Screen Settings

Digital area.
4 or 6 digital values
for choice



Delivery Kit



Multigas Analyzer AMG-06

1. Water trap adult
2. Water trap pediatric / neonate
3. Sampling tube adult
4. Sampling tube neonate
5. Exhaust gas tube

Technical Specification

Patient groups	Adults, children from 3-year-old	Mains supply	100-240 V, 50/60 Hz
Display	5" color touchscreen TFT display	Built-in battery	2000 mA*h, Ni-Mh, up to 2 h of operation
Measurement	Non-dispersive infrared (NDIR)	Trends	72 h
Measured gases	CO ₂ , Sevoflurane, Isoflurane, Desflurane	Dimensions	170 x 155 x 135 mm
Measuring parameters	FiCO ₂ , FIDES, FiISO, FiSEV, EtCO ₂ , EtDES, EtISO, EtSEV, Respiratory rate (RSP), Minimum alveolar concentration (MAC)	Weight	1.5 kg
Measurement range	CO₂ 0-15.0 Vol% (resolution 0.1) DES 0-17.0 Vol% (resolution 0.1) ISO 0-5.0 Vol% (resolution 0.1) SEV 0-7.0 Vol% (resolution 0.1)	Working surface	The device is portable and it can be placed on working surface or suspended and fixed at any surface near patient
Accuracy	CO₂ ± (0.43% + 8% of gas level) DES ± (0.2% + 15% of gas level) ISO ± (0.2% + 15% of gas level) SEV ± (0.2% + 15% of gas level)	Recording patient information	Age, gender, weight, height, admission date, admission diagnosis, clinical diagnosis, notes
Sampling gas flow rate range	50-250 ml/min ±10 ml/min (or ± 10% whichever is greater)	Languages	Multi-language
Display of registered parameters	Concentration of CO ₂ , anesthetics in digital and graphical form	Standards	Meets support requirements: EN ISO 80601-2-55, EN 60601-1, IEC 60601-1-2
Response time	2.5 sec	Calibration	Automatic and manual zero calibration. No routine calibration required
Respiration rate range	0 – 160 breath per minute (BPM)		
Alarms	Visual and audible. 3 levels of priority, physiological and technical alarms and events		
Warm up time	ISO accuracy within 45 s (warming-up time). Full accuracy within 10 min (in normal mode)		

Application

Independent measurement
of anesthetic gases



Can be installed with any type
of anesthesia machines

Approved for usage in combination with
a ventilator and AnaConDa by Sedana Medical



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In biomedical signal processing, gas monitoring and respiratory support since 1989

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