

# CAP10

## Capnograph

Reliable, Accurate and Cost-effective!

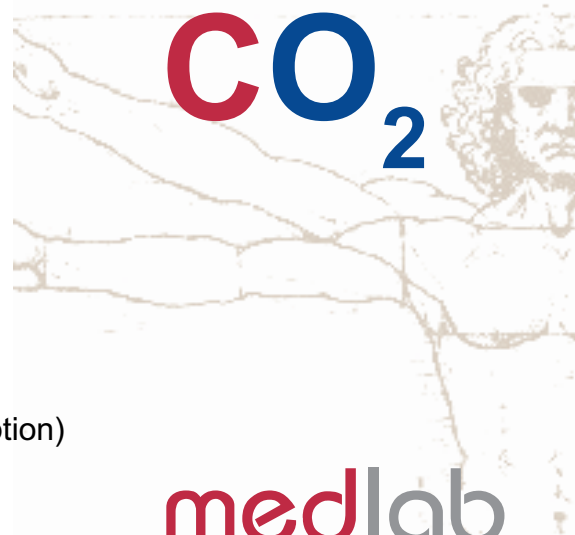


## Features

- Lightweight, compact and attractive design
- Easy-to-use menu
- Displays etCO<sub>2</sub>, respiration rate and capnogram
- Sidestream system with integrated pneumatics
- Integrated rechargeable battery
- Designed for neonates, infants and adults
- Full alarm system, audible and visible alarms
- Trend display for etCO<sub>2</sub> and respiration rate
- Digital, online serial output
- Analog output of etCO<sub>2</sub>, respiration and curve (Option)

Information:

[www.medlab-gmbh.de](http://www.medlab-gmbh.de)



**medlab**  
medizinische Diagnosegeräte GmbH

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## Capnograph with Mains- and Battery Operation

The **CAP10** fulfills all needs you have when looking for a modern sidestream capnography system. Its built-in battery makes the **CAP10** the perfect choice for inhouse and portable applications. A high quality pneumatic system ensures years of usage without problems. The operation of the device is nearly inaudible, due to the improved pump that is used.

Although the price of the **CAP10** is very competitive, the delivery includes a full range of accessories for immediate use.

The water removal system does not require cleaning of water traps or similar. Instead, it uses a high volume absorption filter that can be replaced simply and hygienically. The sampling rate of the device can be set to three stages. Included is a sample rate of only 60ml/min, which also allows monitoring of infants and neonates.



### Technical Data

#### General:

Mains supply: 220/230 V, 50 Hz, automatic charging of internal battery in 6 hours  
Battery: Built in, 6 Volt 1800 mAh  
Battery life: 6 hours typical  
Display: High contrast graphic LCD with backlight, Speed of curve 5, 10 or 20 mm per second  
Features: Built-in realtime clock, 5-languages easy user interface  
Data transmission through infrared light for safe patient isolation  
Adjustable alarm limits, audible and visual alarms  
Memory: 10 hours of trend of etCO<sub>2</sub> and respiration rate  
Dimensions: 225 mm x 175 mm x 80 mm (width x depth x height)  
Weight: 1.600 g  
Housing: Rugged, easily cleanable ABS plastic

#### Accessories:

10 patient sample lines, 10 airway adapters, 5 filter cartridges

#### Optional:

Carrying bag,  
PC connection cable  
Analog output box  
Clamp for infusion pole  
Different adapters for non-intubated patients

#### CO<sub>2</sub>:

Operation: Sidestream system integrated  
Method: Non-dispersive infrared absorption with two point calibration ( 0 % and 5% CO<sub>2</sub>), whichever is greater.  
Accuracy: +/- 2mmHg or +/- 5% of displayed value,  
Parameter: End- tidal CO<sub>2</sub> ,in mmHg or %Vol  
Displayed values: 0..80 mmHg or 0 .. 11 %Vol  
Averaging: 4 breathes  
Air sampling rate: 60, 100 or 150 ml/ min, user adjustable  
Rise time: < 400 ms @ 150 ml/min  
Water separation: Disposable, high capacity cartridge  
Compensation: User adjustable for O<sub>2</sub> (20..100%) and N<sub>2</sub>O (0..80%)

#### Respiration:

Accuracy: +/- 1%  
Parameter: Respiration rate in bpm (breath per minute), 0..99 bpm  
Averaging: 8 breathes



Adapter for intubated patients



Adapter for non-intubated patients - for nasal/oral sampling



High capacity water removal system



Simply operatable menu-system

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