

CAPNOX CAPNOS

Capnograph with
Pulse Oximeter
Option

etCO₂
Respiration
SpO₂
Pulse



Made in
Germany

Features

- Lightweight, mobile, attractively designed, with TFT screen
- Sidestream Capnography, optionally with PEARL pulse oximetry
- Usable from neonate to adult
- Large numerical display with capnogram and trend curves
- Adjustable alarm limits, visible and audible alarms
- Saturation dependent pulse tone with adjustable volume
- IR Interface for thermal printer
- High capacity battery packs for long continuous operation
- Available with - (CAPNOX) or without pulse oximetry (CAPNOS)

medlab
medizinische Diagnosegeräte GmbH

CAPNOX / CAPNOS

Capnograph with Pulse Oximeter (Option)

Technical Data



The CAPNOX is a compact, mobile capnograph for ambulances, day-surgeries and clinical environments. The unit continuously monitors the expiratory carbon dioxide concentration, the respiration rate, the arterial oxygen saturation, and the pulse rate of a patient. Because of the sidestream system, the CAPNOX can be used on intubated as well as on non-intubated patients. Compared to any other capnograph, the CAPNOX is a very lightweight solution. The high-end pneumatics work quietly without disturbing patient or user. Under the name CAPNOS, the device is available without pulse oximetry.

Applications

- Monitoring of ventilated patients
- Verification of intubation
- Monitoring in ambulance cars



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Capnograph:

Method:	Sidestream technology, NDIR (Non-Dispersive-Infrared Method)
Calibration:	2-Point Calibration, STDP
Measuring Range:	0 ... 80 mmHg, 0 ... 10% Vol, 0 ... 10 kPa
Accuracy:	+/- 2 mmHg (+/- 5%)
Respiration:	0 ... 99 min ⁻¹
Warm up Time:	30 sec (typical)
Sample Rate:	60, 100 or 150 ml/min, regulated
Compensation O ₂ :	20 ... 100 % selectable
Compensation N ₂ O:	0 ... 80 % selectable

Pulse Oximeter (CAPNOX):

SpO ₂	
Meas. Range:	0 ... 100 % SpO ₂
Display Range:	0 ... 99 % SpO ₂
Accuracy:	Standard +/- 2 % Movement artefacts +/- 3 % Low perfusion +/- 3 % (70-100 %, not specified below 70 %)
Pulse	
Measuring Range:	30 ... 250 min ⁻¹
Accuracy:	+/- 3 min ⁻¹

Device:

Dimensions, Weight:	180 x 88 x 38 mm, approx. 350 g
Operating Temp.:	0 °C ... 40 °C
Power Supply:	NiMH Battery, 4.8 V 2700 mAh
Operating Time:	Approx. 10 hours if fully charged
Alarm Limits:	Adjustable, for all parameters
Display:	High resolution TFT-LCD with backlight
Interface:	IR serial interface for printer

Accessories:

01751	Battery pack
01755	Adapter for mains operation
01850	Carrying pouch, red
01860	Rubberprotection boot, yellow
00110	Thermal printer with infrared interface
00132	Fixation for infusion pole

All Medlab PEARL SpO₂ probes, filters, and sample lines (see separate brochure)

Delivery:

CAPNOX (01700):
Device
Battery pack with fast charger
Finger clip probe P-200, reusable
Patient cable SpO₂ (120 cm)
10 Patient lines with T-adapters, 5 humidity filters
Operating manual

CAPNOS (01800):
Device
Battery pack with fast charger
10 Patient lines with T-adapters, 5 humidity filters
Operating manual