

CAP10

Capnograph (Sidestream System)

Capnogram
etCO₂
inCO₂
Respiration Rate



Made in
Germany

Features

- Colour display (TFT) with high resolution
- Lightweight, compact and attractively designed
- Developed to be used with neonates, children and adults
- Display of etCO₂, respiration rate, and capnogram
- Trend display for etCO₂ and respiration rate
- Alarm system with audible and optical alarms
- NDIR sidestream technology, adjustable sample rate
- Serial data interface, optional analog outputs
- Works on mains and on integrated rechargeable battery

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CAP10

Lightweight and compact
Sidestream Capnograph



The CAP10 meets all the requirements demanded of a modern sidestream capnograph. The adjustable sampling rate and precise measurement cell allow the CAP10 to be used on all patients, from neonates to adults. The integrated rechargeable battery ensures continuous use and facilitates patient transport. A noise optimised pneumatic pump guarantees for long-term use. The high capacity humidity filter ensures simple and hygienic application.

Applications

- Anesthesia Monitoring
- Functional Diagnostics
- Verification of Intubation



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Technical Data

Capnograph:

CO₂:	
Method:	Sidestream Capnography
Measurement:	Non dispersive infrared absorption with Two-point calibration (0% and 5% CO ₂)
Measuring Range:	0 ... 80 mmHg oder 0 ...10 %Vol
Accuracy:	+/- 2 mmHg or maximum +/- 5 % of displayed value
Parameter:	etCO ₂ and inCO ₂ (mmHg, %Vol or kPa)
Calibration:	STPD („standard temp., pressure dry“)
Sample Rate:	50, 100 or 150 ml/min, regulated
Rise Time:	< 400 ms at 100 ml/min
Water Separation:	Absorption filter with high capacity
Compensation:	For O ₂ (20 ...100 %) and N ₂ O (0 ...80 %)
CO ₂ unit:	mmHg, %Vol or kPa
Respiration Rate:	
Measuring Range:	0 ... 99 min ⁻¹
Accuracy:	+/- 1 %
Averaging:	over 8 respiration cycles

Device:

Mains Operation:	115/230 V, 50/60 Hz
Internal Battery:	NiMH (7,2 volts 2000 mAh)
Display:	High resolution TFT LCD with backlight Capnogram and trend display
Curve Speed:	3, 6 or 12 mm/sec
Interface:	Serial interface (infrared adapter)
Alarm Limits:	etCO ₂ , inCO ₂ , and respiration
Alarms:	Audible and visible alarms
Memory:	100 h of trend memory
Dimensions:	80 mm x 230 mm x 200 mm
Weight:	1.600 g
Housing:	ABS

Accessories:

08001	Patient sample lines (20 pcs.)
08008	Adapter for non-intubated adults
08002	Adapter für non-intubated children
08004	Patient adapters (25 pcs.)
08003	Patient lines with adapters (10 pcs.)
08006	Humidity filters (5 pcs.)
00138	Fixation for infusion pole
00142	Fixation for anesthesia rail
08060	Adapter for analog output
00146	Adapter for RS232 interface
00801	Carrying bag
08013	Calibration kit
08014	Calibration gas, spare bottle

Delivery:

Device CAP10 (01600)
Mains cable
Operating instructions
10 Patient sample lines with adapters
5 Humidity filters