

CONTEC™



CA10M
CAPNOGRAPH

Healthcorp
MEDICAL EQUIPMENT

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CA10M CAPNOGRAPH

Capnograph adopts mainstream method to measure the end-tidal carbon dioxide, airway respiration rate and other parameters. It can detect pulmonary ventilation function and reflect the circulation and pulmonary blood flow condition, as well as indirectly reflect the alveolar ventilation, which is applicable for use in pre-hospital emergency transfer, emergency department, ICU, operating room, neonatology, respiratory department and other occasions. The application population is adult, pediatric and neonate patients. The Capnograph connects with patient's respiratory tract by the airway adapter and breathing tube.

Features

- ◆ End-tidal CO2 measurement function
- ◆ Respiration rate measurement function
- ◆ Over-limit alarm function for End-tidal CO2 and respiration rate
- ◆ Low battery alarm function

Accessories

- ◆ User Manual
- ◆ Adult gas path adapter
- ◆ Neonate gas path adapter (optional)

Physical characteristic

- ◆ Dimension: 55×52×59mm
- ◆ Weight: 97g (with batteries)
- ◆ Working environment
 - ◆ Temperature: 5°C~40°C
 - ◆ Relative humidity: 30%~75%, no condensation
 - ◆ Atmospheric pressure: 700hPa~1060hPa
 - ◆ Power supply: DC 3V (2 AAA dry batteries)
 - ◆ Input power: ≤1VA

Selling points analysis

- ◆ 1.3" color LCD screen, user-friendly interface, easy to operate
- ◆ Compact and portable design
- ◆ Visual and audible alarm system
- ◆ Alarm limits and unit can be set
- ◆ With automatic compensation of atmospheric pressure
- ◆ Suitable for use in medical transfer, emergency, surgery, monitoring and other situations

Performance

- ◆ End-tidal CO2 measurement:
 - Measurement range: 0~150mmHg
 - Resolution: 1mmHg
 - Accuracy:
 - 0~40 mmHg: ±2 mmHg
 - 41~70 mmHg: ±5% of readings
 - 71~100 mmHg: ±8% of readings
 - 101~150 mmHg: ±10% of readings
- ◆ Respiration rate measurement:
 - Measurement range: 2rpm~150bpm
 - Resolution: 1rpm
 - Accuracy: ±1rpm
- ◆ Safety characteristic:
 - Device type: internally powered equipment
 - Degree of protection against electric shock: type BF applied part
 - Degree of protection against ingress of liquid: IPX2



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