CONTEC™

「CARE HEALTH CARE LIFE」

LIGHT THE RHYTHM OF LIFE WITH TECHNOLOGY





CAPNOGRAPH

CA10S

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CA10S

CAPNOGRAPH



LCD display



Pressure compensation



Respiratory waveform



Small and light





Capnograph adopts sidestream 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 as well as indirectly reflect the alveolar ventilation standard. Meanwhile, it can also detect the blood oxygen saturation and pulse.

The Capnograph 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.

Function

- End-tidal CO_2 measurement function
- Respiration rate measurement function
- SpO_2 measurement function
- Pulse rate measurement function
- Over-limit alarm function for $EtCO_2$、Respiration rate,SpO_2 and Pulse rate
- Low battery alarm function

Accessories

- User Manual
- Blood oxygen probe
- Sampling pipe

Physical characteristic

- Dimension: 159*72*31 mm
- Weight: 270 g

Working environment

- Temperature: 5℃~40℃
- Relative humidity: 30%~ 75%, no condensation
- Atmospheric pressure: 700 hPa~1060 hPa
- Power supply: DC 3.7 V (rechargeable lithium battries)
- Input power: ⩽1.5 VA

Performance

- End-tidal CO_2 measurement:
  Measurement range: 0 ~150 mmHg
  Resolution: 1 mmHg
  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: 2 rpm ～ 120 rpm
  Resolution: 1 rpm
  Accuracy: ±1 rpm
- SpO_2 measurement:
  Measurement range: 30 ～ 100 %
  Resolution: 1%
  Accuracy:
  70 ～ 100 %：±2 %
  0 ～ 69 %：undefinition
- Pulse rate measurement:
  Measurement range: 25 ～ 250 bpm
  Resolution: 1 bpm
  Accuracy: ±2 bpm or ±2%,whichever is greater
- Safety characteristic:
  Device type: internally powered equipment
  Degree of protection against electric shock: type BF applied part
  Degree of protection against ingress of liquid: IPX1