

Features of this Multigas Monitor

- An economic monitor for anesthetic agent, which supports safe agent administration
- Reliable and accurate measurement, based on Kingst's strong heritage technology of infrared gas analysis
- Special designed water filter can be used keeping work under the heavy humid environment, also suitable for an intubated or non-inbutared patients.
 - Audio-optical alarm for exceeding limits and Apnea
 - 24 hours trend diagram keeps still available after power-off
 - Data output via USB or bluetooth
 - Large Capacity lithium battery for 10 hours UPS
 - Nellcor or our Digital SpO2 and adult, pediatric or neonate.
 - The Analog Output Module is optional



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Technical Specifications

Technique: NDIR (Non-dispersive infrared gas analysis)

Power: AC100~240V, 50/60Hz; DC3.7V;

Temperature: 5 to 50°C Humidity: <93%

Atmospheric pressure: 70-120kP

Battery: Lithium battery, 3.6V,3800mAh, 6 hours (approximately)

Charging time: 4 hours from empty to full Dimension: 72mm(W)x155mm(H) x38mm(D)

Weight: 360 grams Display: 3.5"TFT

CO2 Range: 0-19.7%, 0-150mmHg, or 0-20kPa Accuracy: 0 - 40 mmHg ± 2 mmHg 41 - 70 mmHg \pm 5% of reading 71 - 100 mmHg ± 8% of reading 101 - 150 mmHg ± 10% of reading

EtCO2 update: every breath Trends: 24 hours

N2O Range: 0-100%

Accuracy: ±(2 vol% + 2% of reading)

HAL.ENF.ISO Range: 0-12%

Accuracy: 0-8%: $\pm(0.15 \text{ vol}\% + 5\% \text{ of reading})$

8-12%: unspecified

SEV Range: 0-15%

Accuracy: 0-10%: ±(0.15 vol% + 5% of reading)

10-15% unspecified

DES Range: 0-25%

Accuracy: 0-18%: ±(0.15 vol% + 5% of reading)

18-25%: unspecified All FiAG update: every breath All FiAG Trends: 24hours

Respiration rate Range: 3-150 bpm

Accuracy: the bigger value of 1% of reading and ±1bpm

Trends: 24hours

Water filter Detection: Insertion automatically turns sampling pump on.

Removal automatically turns sampling pump off

Flow set: 50-150ml/min selectable

Exhaust Port: Yes

Auto-compensation for atmospheric pressure variation

Oximeter Data (optional)

Oximetry Saturation Range: 0-100% Accuracy: ±3% when 50-69% ±2% when 70-100%

Trend length: 24hours Pulse Rate Range: 30-250 bpm

Accuracy: the bigger value of ±2bpm or ±2% (reading)

Trend length: 24hours Audible and visual alarm system

Adjustable High and Low EtCO2,RR and FiAG,No Adapter, Clogged

Adapter, No Breath (Apnea), Low Battery, so on.

Regulatory: Designed to meet IEC 60601-1:2005+A1:2012(E):Medical electrical equipment – Part 1: General requirements for basic safety and essential performance; IEC 60601-1-2:2014: Medical electrical equipment - Part 1-2: General requirements for basic safety and essential performance - Collateral Standard: Electromagnetic disturbances - Requirements and tests; Broad-band random vibration test in accordance with IEC 60068-2-64:2008; Shock test in accordance with IEC 60068-2-27:2008: Free-fall to IEC 60068-2-31:2008

Designed to comply with 93/42/EEC (MDD CE Marking), FDA Standards, Minimum Performance and Safety Requirements for Capnometers ISO 80601-2-55-2011: Medical Electrical Equipment performance requirements for the basic safety and essential performance of respiratory gas

No futher notification if some technical specification change. Please take update technical specification or test result as the stardand



Accessories: Water filter, Sample lines and Airway Adapter





T4F Filter 664522

Sample line



Sample line 662503



Adult Nasal tube 660423 Infant Nasal tube 660424



CO2/O2 Nasal tube 660425 CO2/O2 infant Nasal tube 660426







