

Kingst[®] AneSure[®] -H Multigas Monitor



Measurements:

EtCO₂, FiCO₂ & Capnogram

Respiration Rate

SpO₂ & Pulse Rate

Et, FiN₂O & Waveform of Nitrous oxide

Et, FiAgents & Waveform of Halothane, Enflurane, Isoflurane, Sevoflurane or Desflurane

Note: Need to manually select one of the above five anesthetic gases

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-intubated patients.
- Audio-optical alarm for exceeding limits and Apnea
- 24 hours trend diagram keeps still available after power-off
- Data output via USB
- Large *Capacity* lithium battery for 10 hours UPS
- Nellcor or our Digital SpO₂ and adult, pediatric or neonate.
- The Analog Output Module is *optional*

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: 70-120kPa
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 \pm 2 mmHg
41 - 70 mmHg \pm 5% of reading
71 - 100 mmHg \pm 8% of reading
101 - 150 mmHg \pm 10% of reading
EtCO₂ update: every breath
Trends: 24 hours
N₂O Range: 0-100%
Accuracy: \pm (2 vol% + 2% of reading)
HAL,ENF,ISO Range:0-12%
Accuracy: 0-8%: \pm (0.15 vol% + 5% of reading)
8-12%: unspecified
SEV Range: 0-15%
Accuracy: 0-10%: \pm (0.15 vol% + 5% of reading)
10-15%:unspecified
DES Range: 0-25%
Accuracy: 0-18%: \pm (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 \pm 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: \pm 3% when 50-69%
 \pm 2% when 70-100%
Trend length: 24hours
Pulse Rate Range: 30-250 bpm
Accuracy:the bigger value of \pm 2bpm or \pm 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 monitors
No futher notification if some technical specification change.Please take update technical specification or test result as the standard



Accessories: Water filter, Sample lines and Airway Adapter

Water Filter



T4F Filter 664522

Sample line



Sample line 662503



Adult Nasal tube
Infant Nasal tube 660424



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

Airway Adapter

