

Specifications

SpO₂:

Measurement Range: 0 ~ 100%
Accuracy: +2% during 70%~100%
0%~69% unspecified

Pulse Rate:

Measurement Range: 30 bpm ~ 250 bpm
Accuracy: 1 bpm or ±2%
whichever is greater

EtCO₂:

Measurement Range: 0~150mmHg
Resolution: 0.1mmHg (0~69)mmHg
0.25mmHg (70~150)mmHg
Accuracy: ±2MmHg (0~40)mmHg
±5% (41~70)mmHg
±8% (71~100)mmHg
±10% (101~150)mmHg

Respiration Rate:

Measurement Range: 0~150bpm
Accuracy: ±1bpm

Alarm:

Three levels of visual, audio alarms

Data Transmission:

2.4GHz wireless
USB to PC
≤10m without obstruction

Power Requirements:

DC: 9V 700mA
4x2400mAh rechargeable batteries
Battery Capacity: ≥ 12 hours (SpO₂ only)
Battery Capacity: ≥ 5 hours (SpO₂ + CO₂)

Environment:

Operating Temperature: 0°C~50°C
Humidity: ≤95%
Altitude: -390m~5,000m
Transport/Storage Temperature: -20°C~70°C
Humidity: ≤95%

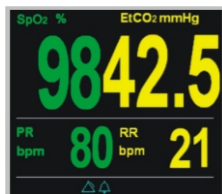
Physical Characteristics:

Dimensions: 73mm (W) x 127mm (H) x 23mm (D)
Maximum Weight: 500g

Compliance:

1. SpO₂: ISO 9919: 2005(E)
2. Safety Standards:
EN 60601-1: 1990+A1: 1993+A2: 1995+A13: 1996
3. Alarm: IEC60601-1-8: 2005
4. EMC: EN 60601-1-2: 2007, Group 1 Class A
5. Environment: WEEE (2002/96/EC)

Display Options



Large Font/Digits



Dural Waveforms



Historical Trend



Trend Chart

Configurations

- NT1D-B Handheld Mainstream CO₂ Monitor
- NT1D-C Handheld Sidestream CO₂ Monitor
- NT1D-D Handheld SpO₂ & Mainstream CO₂ Monitor
- NT1D-E Handheld SpO₂ & Sidestream CO₂ Monitor

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Distributor



Always one step ahead

NT1D Series Handheld Capnography/Pulse Oximetry Monitor

Compact, Reliable and High Performance



Features:

- ◆ Durable, Compact, and Lightweight
- ◆ Capnograph with Trends
- ◆ SpO₂ with Waveforms
- ◆ Data Storage for up to 100 Patients; 72-hour for each Patient
- ◆ Wireless Data Transmission
- ◆ Suitable for Adult, Pediatric, and Neonate



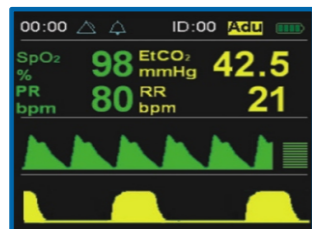
Portable

Compact & Ergonomic Design



21st Century CO2 Technology

CAPNOSTAT® CO2 sensor and LoFlo Sidestream System



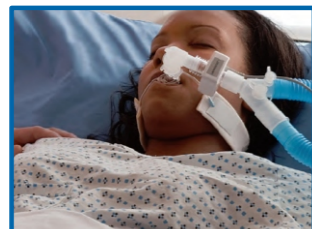
All-in-One Display

Data + Waveform + Trend



Data Management

PC Software with Wireless Data Transmission
Data Analysis and Report Printing



A Variety of Applications

Emergency Rescue, Intensive Care
During Surgery, Resuscitation and
Patient Transportation



For All Patient Types

Adult, Pediatric and Neonate

Usage Environment

- ◆ Emergency Medical Services (EMS) in the field or during transport
- ◆ Outpatient or Ambulatory Surgery centers; special procedures area (e.g. cardiac catheterization lab, endoscopy)
- ◆ General medical/surgical hospital ward
- ◆ ICU, Emergency Department
- ◆ Hospital-based or free-standing sleep laboratory

Clinical Applications

- ◆ Airway management for all intubated patients.
- ◆ Procedural or conscious sedation--adequacy of ventilation.
- ◆ Patient safety during patient-controlled analgesia (PCA) or continuous narcotic administration.
- ◆ Cardiopulmonary resuscitation--confirm endotracheal tube placement, determine effectiveness of chest compressions (CPR) and detect Return of Spontaneous Circulation (ROSC).
- ◆ Sleep studies

Why Capnography is A Valuable Tool

- ◆ **For EMS Transport:**
Capnography is a valuable tool during emergency transport of both intubated and non-intubated patients for proper assessment of the patient's ventilatory status.
- ◆ **For Conscious Sedation:**
When performing procedural sedation, ensuring patient safety and adequate ventilation is essential.
- ◆ **For Cardiopulmonary Resuscitation:**
Capnography is a valuable tool during cardiopulmonary resuscitation (CPR) of intubated patients.
- ◆ **For Pain Management:**
The use of capnography is becoming more widespread for patients receiving opiates for acute pain management.
- ◆ **For Sleep Laboratories:**
When conducting sleep studies, it is important to accurately and consistently measure exhaled CO2 levels in order to reliably assess the quality of ventilation during sleep.

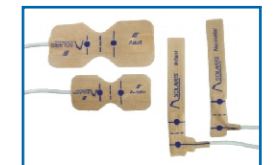
Available SpO2 and CO2 Sensors



Adult/Pediatric Finger



Adult/Pediatric Soft-Finger



Single Patient Disposable



Mainstream CO2



Sidestream CO2



Disposable Cannulas