Specifications

SpO_2:

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

$EtCO_2$:

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

Battery type: Lithium Polymer Battery Pack

Internal power supply: 3.7～4.2V/4400mhA

II type power adapter : Input AC100-240V
50/60Hz, Output DC 5V.

Battery Capacity: ⩾12 hours (SpO_2 only)
Battery Capacity: ⩾ 5 hours (SpO_2 + CO_2)

Environment:

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

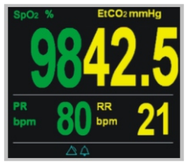
Physical Characteristics:

Dimensions: 73mm (W) x127mm (H) x 23mm (D)
Maximum Weight: 500g

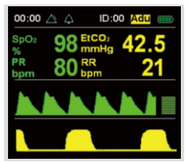
Compliance:

1. SpO_2: ISO 80601-2-61:2011(E)
2. Safety Standards:
   IEC60601-1：2005+ CORR. 1：2006+CORR.
   2：2007+AMI:2012(or IEC 60601-1:2012 reprint)
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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SOLARIS

NT1D Series

Handheld Capnography/Pulse Oximetry Monitor

Features:

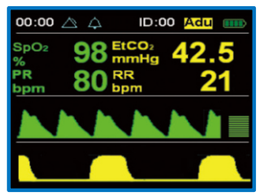
- Durable, Compact, and Lightweight
- Capnograph with Trends
- SpO2 with Waveforms
- Data Storage for up to 100 Patients; 72-hour for each Patient
- Wireless Data Transmission
- Suitable for Adult, Pediatric, and Neonate

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, Pedicatric 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

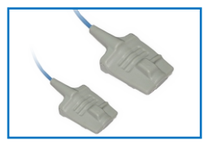
- Airway management for all intubated patients.
- Procedural or conscious sedation-adequacy of ventilation.
- Patient safety during patient-controlled analgesia (PCA) or continuous narcotic administration.
- Cardiopulmonary resuscitation--confirm endotracheal tube placement, determine effectiveness of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

Why Capnography is A Valuable Tool

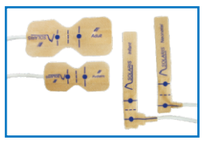
- **For EMS Transport:**
  Capnography is a valuable tool during emergency transport of both intubated and non-intubated patients for proper assessment of the patient's ventilatory status.
- **For Conscious Sedation:**
  When performing procedural sedation, ensuring patient safety and adequate ventilation 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