

# TRAZE UNOMAX

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## Pulse Oximeter



## SPECIFICATIONS

- Display**  
7 'inch' TFT display for SpO2 and Pulse Rate with Plethysmograph
- SpO2**  
Measuring and alarm range : 30-100%  
Resolution : 1%  
Plethysmograph : 12.5 mm / 25 mm
- Pulse Rate**  
Measuring and alarm range : 30-250 BPM  
Resolution : 1 BPM
- Alarms**  
High & Low exceed alarm for SpO2 & Pulse Rate, Sensor Off, Low Perfusion, Battery low indication.
- Power**  
Voltage input : 18V,1.5Amp  
Power Consumption : 2 VA
- Battery**  
Nickel mAH : 12V,1600mAh  
Battery Charging Time (initial) : 10 Hrs  
Battery Capacity : 3 Hrs+
- Dimension & Weight**  
Dimension : 190mm(L) x 164mm(H) x 75mm(W)  
Weight : 1400 grams
- Environment**  
Operating Temperature : 5C to 40C  
Humidity : 35%-85%

### Accuracy

Parameter	Patient Type	Range	Accuracy
SpO2 Functional	Adult/Pediatric	70-100% 0-70%	+/- 2% Unspecified
	Neonate	70-100% 0-70%	+/- 2% Unspecified
Pulse Rate	Adult/Pediatric	30-250 bpm	+/- 2 bpm
	Neonate	30-250 bpm	+/- 2 bpm

\*Not recommended for OT use

\*Specified mentioned above may change without prior notice

## AKAS MEDICAL

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Your Nearest Dealer

- User Friendly
- Light Weight and table top pulse oximeter
- DET - Digital Enhancement Technology
- Accurate reading at low perfusion
- Suitable for Adult , Pediatric and Neonatal patients
- Audible and visual alarms with volume controller
- Battery backup of 3 Hrs+
- 7 'inch' TFT display with Plethysmograph

Power Adapter



Standard Accessory

SpO2 Adult Probe



Standard Accessory

SpO2 Pediatric Probe



Optional Accessory

SpO2 Neonate Probe



Optional Accessory

SpO2 Silicon Probe



Optional Accessory

SpO2 Neonate Disposable probe



Optional Accessory

# TRAZE DUOMAX

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Pulse Oximeter  
With NIBP



- Dual Functionality - NIBP & Spo2 monitoring
- Flexible - Automated and on-demand NIBP measurements
- Adjustable Pressure - User or system - defined dynamic inflation pressure
- Real Time Clock
- 7 'inch' TFT Display
- Comprehensive Date Capture - Ideal for extended monitoring

## SPECIFICATIONS

### Display

High Resolution 7 'inch' TFT displays Spo2, Pulse Rate, NIBP (Systolic, Diastolic, Mean) with Plethysmograph

### Pulse Oximeter (Spo2)

Pulse Rate Range	: 30 to 250 bpm
Pulse Rate Accuracy	: ±2 bpm
Saturation Range	: 0 to 100%
Saturation Accuracy	: 70 to 100%
Adult / Pediatric	: ±2% (no motion)
Neonatal	: ±3% (motion)
	: ±3% (no motion)
	: ±3% (motion)

### Non-Invasive Blood Pressure (NIBP)

Method	: Oscillometric
Mode	: Auto, Manual, STAT
Measuring interval in Auto Mode	: 1, 2, 4, .....
Systolic Range	: Adult - 30 to 250 mmHg
	: Pediatric - 30 to 250 mmHg
	: Neonate - 30 to 250 mmHg
Diastolic Range	: Adult - 10 to 150 mmHg
	: Pediatric - 10 to 150 mmHg
	: Neonatal - 10 to 150 mmHg
Mean Range	: Adult - 10 to 180 mmHg
	: Pediatric - 10 to 180 mmHg
	: Neonatal - 10 to 180 mmHg
Pulse Rate Range	: 40 to 250 bpm

### Power

Voltageinput	: 18V, 1.5Amp
PowerConsumption	: 2 VA

### Battery

Nickel mAH	: 12v, 1600mAh
BatteryCharging Time(Initial)	: 10 Hrs
BatteryCapacity	: 3 Hrs

### Dimension & Weight

Dimension	: 190mm(L) x 75mm(W) x 164mm(H)
Weight (inclusive of Battery)	: 1700 grams

### Alarms

High & Low exceeded alarm for Spo2 & Pulse Rate, Sensor Off, Low Perfusion, Battery low Indication and High & Low exceed alarm for NIBP (Systolic, Diastolic, Mean)

### Environmental

Operating Temperature	: 5°C to 40°C
Humidity (non-condensing)	: 35% - 85%

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Accessories  
same as UNO



Adult Cuff



Standard Accessory

Air Hose tube



Standard Accessory

Pediatric Cuff



Optional Accessory

Neo Natal Cuff



Optional Accessory