

## Finger Pulse Oximeters

..... A Portable Cost Effective Solution



T4



T33



T310

TMS's Pulse Oximeters provide accurate SpO<sub>2</sub> & Pulse Rate readings in a convenient easily transportable unit.

### **T4 (Adult) and T5 (Pediatric) are ideal for quick spot checks**

T4 and T5 have advanced tremor and artifact rejection algorithms, making them ideal for hospital, physician and critical care use. T4's rugged design and optional rubber housing provide added protection (popular with fire and EMS) and its display may be flipped to face the health care provider or the patient. T5 has been designed for smaller fingers (Pediatric Patients).



T5

### **T33 and T310 Models are full-featured units**

These are full featured Pulse Oximeters which are ideal for Critical Care, EMS or Physicians. They have a Bright LCD with multiple display modes plus:

- Displays Perfusion Indicator and SpO<sub>2</sub> signal strength bar or a Pleth waveform
- Tremor and artifact rejection algorithms, for accuracy despite patient motion
- Pulse Rate Tone Modulation (off when pleth waveform is displayed)
- Optional rubber housing adds durability
- Finger out and low power indicator
- Automatically powers down after use
- Powered by 2 AAA batteries
- Color LED display (T310 only)
- Flashing & Audible Alarms (T310 only): SpO<sub>2</sub> < 90 & Pulse Rate < 60 or > 100)

### **Perfusion Indicator on C33 and C310 (hash mark on the perfusion line)**

Alerts clinicians to poor perfusion which may result in poor accuracy. Poor perfusion may be an indicator of shock, injury or diabetes. For patients with cold hands, the hash mark on the perfusion indicator will rise as the patient's finger warms up inside the unit. When it reaches the top you can be confident of good perfusion and accurate readings.



# Specifications:

	<u>T5</u>	<u>T4</u>	<u>T33 &amp; T310</u>
<u>Patient Range</u>	Pediatric	Adult	Adult
<u>SpO2</u>			
Range:	70%-99%	35%-99%	0%-99%
Resolution:	1%	1%	1%
Accuracy:	70%-99%: ±3%	75%-99%: ±2% 50%-75%: ±3%	80%-99%: ±2% 70%-80%: ±3%
Signal Strength Bar	No	No	Yes
SpO2 Waveform	No	No	Yes
Perfusion Indicator	No	No	Yes
<u>Heart (Pulse) Rate</u>			
Range:	30-235 bpm	30-240 bpm	0-254 bpm
Resolution:	1bpm	1bpm	1bpm
Accuracy:	30-99bpm: ±2bpm 100-235bpm: ±2%	±2bpm or ±2%	±2bpm or ±2%
Pulse Rate Tone Modulation	No	No	Yes
<u>Display</u>	LED (1 mode only)	LED (display inverts)	T33: TFT (6 modes) T310: Color TFT (8 modes)
<u>Alarm</u>			
Audible Alarms	No	No	Yes (C310 only): (PR<60, PR>100, SpO2<90)
Low power indicator	Yes	Yes	Yes
<u>Environmental</u>			
Operating Temperature	32°F - 122°F	32°F - 122°F	41°F - 104°F
Storage Temperature	-4°F - 158°F	-4°F - 158°F	-4°F - 158°F
Operating Humidity	15%RH - 95%RH	15%RH - 95%RH	15%RH - 95%RH
Storage Humidity	10%RH - 95%RH	10%RH - 95%RH	10%RH - 95%RH
<u>Mechanical</u>			
Size (LxWxH)	2.1" x 1.1" x 1.1"	2.3" x 1.3" x 1.3"	2.3" x 1.3" x 1.1"
Weight (including 2 batteries)	1.77 ounces	1.77 ounces	1.77 ounces
<u>Power</u>			
Operation time (using alkaline)	2AAA batteries about 30 hours	2AAA batteries about 30 hours	2AAA batteries

## Pricing:

	<u>List</u>
T5 Pediatric Pulse Oximeter	\$99
T4 Finger Pulse Oximeter	\$99
T33 Finger Pulse Oximeter	\$135
T310 Finger Pulse Oximeter	\$145
Shipping and Handling:	\$5 per unit (\$10 minimum)



Includes lanyard and carry case. Lanyard may be worn around neck or attached to your EMS kit. Carry Case will protect your unit; can be connected to belt loop with a spring clip (not included).

## TMS Medical Technologies

33 Steeplechase Drive  
Turnersville, NJ 08012

phone: (800)374-9798 or (856)374-4359  
fax: (856)374-0419

email: sales@tmsmedtec.com  
web: www.tmsmedtec.com