

## Finger Pulse Oximeters

..... A Portable Cost Effective Solution



T4



CF3



C310

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

### T4, T5 and P12 are ideal for quick spot checks

T4, T5 and P12 have advanced tremor and artifact rejection algorithms, making them ideal for hospital, physician and critical care use. P12's pink outer housing is easily visible on a busy table or shelf (popular for nursing and home care). 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



P12

### CF3 and C310: Full-featured units with LCD and multiple display modes

- C310 has 4-color Display
- CF3 adds more rugged design with thicker plastics for improved crush resistance. Super-Bright 2-Color Display. Ideal for Fire & EMS!
- 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)
- 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 CF3 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>P12 &amp; T5</u>	<u>T4</u>	<u>CF3 &amp; C310</u>
<u>Patient Range</u>			
Adult	Yes T5 is Pediatric	Yes	Yes
<u>SpO2</u>			
Range:	70%-99%	35%-99%	0%-99%
Resolution:	1%	1%	1%
Accuracy:	P12/T5: 70%-99%: $\pm 3\%$ C1C: 80%-99%: $\pm 2\%$	75%-99%: $\pm 2\%$ 50%-75%: $\pm 3\%$	80%-99%: $\pm 2\%$ 70%-80%: $\pm 3\%$
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 (235 for CF3)
Resolution:	1bpm	1bpm	1bpm
Accuracy:	30-99bpm: $\pm 2\text{bpm}$ 100-235bpm: $\pm 2\%$	$\pm 2\text{bpm}$ or $\pm 2\%$	$\pm 2\text{bpm}$ or $\pm 2\%$
Pulse Rate Tone Modulation	No	No	Yes
<u>Display</u>			
	LED (1 mode only)	LED (display inverts)	CF3: OLED (6 modes) C310: Color TFT (8 modes)
<u>Alarm</u>			
Audible Alarms	No	No	Yes (PR<60, PR>100,
Low power indicator	Yes	Yes	Yes SpO2<90)
<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 (-131°F for CF3)
Operating Humidity	15%RH - 95%RH	15%RH - 95%RH	15%-95% (<80% for CF3)
Storage Humidity	10%RH - 95%RH	10%RH - 95%RH	10%-95% (<93% for CF3)
<u>Mechanical</u>			
Size (LxWxH)	P12: 2.3" x 1.3" x 1.3" T5: 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 C310: 30 hr; CF3: 15 hr

## Pricing:

	<u>List</u>	<b>Limited Time Sale Prices</b>
P12 Finger Pulse Oximeter	\$75	
T5 Pediatric Pulse Oximeter	\$99	
T4 Finger Pulse Oximeter	\$99	<b>\$95</b>
C310 Finger Pulse Oximeter	\$145	<b>\$75</b>
CF3 Finger Pulse Oximeter	\$150	<b>\$110</b>



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