

# Perform Accurate Oximetry In A Heartbeat. Anywhere.



## **Allied's Hand Held Pulse Oximeter.**

Performing fast and accurate pulse oximetry is now easier than ever. Allied's lightweight, high performance pulse oximeter goes anywhere to provide reliable SpO<sub>2</sub> and pulse rate measurements. Spot check readings are accurate for up to 99 patients, neonate to adult.

The pulse oximeter determines the SpO<sub>2</sub> and pulse rate by passing two wavelengths of light, one red, one infrared, through body tissue to a photodetector. The pulse oximeter processes these signals to identify the pulse rate and calculate oxygen saturation.

# Specifications



The Allied Pulse Oximeter System includes the Pulse Oximeter, reusable finger probe, carrying case, operations/service manual, and 3 C-cell alkaline batteries.

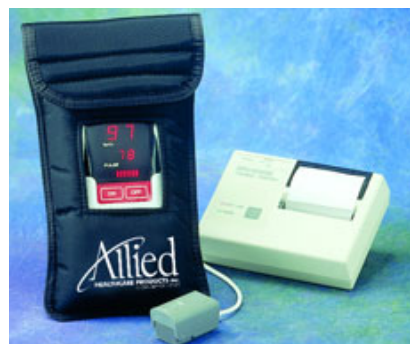
The Allied Pulse Oximeter is loaded with high quality features that ensure confidence in the reliability of its fast SpO<sub>2</sub> and pulse rate measurements.

Portable, durable and damage resistant, the Allied Pulse Oximeter can deliver hard-copy results when attached to either the optional printer or a PC. There are two modes available for printing data. In spot-check mode, one SpO<sub>2</sub> and pulse rate reading is stored every 30 seconds for future printing. In data log mode, the pulse oximeter is connected to the printer and the patient data is printed every five seconds.

The unit has simple on/off buttons with an auto shut-off feature to save on batteries. A pulse strength bar graph shows the patient's pulse strength. Test information is delivered in bright, easy-to-read LED displays.



This reusable probe for both pediatric and adult patients is included with the System.



With the carrying case (included with the System) the Allied Pulse Oximeter is protected while in use. The optional Printer is compact, lightweight, and truly portable with built-in Ni-Cad batteries.

Allied Hand Held Pulse Oximeter		Optional Accessories	
<b>Dimensions</b>	6.75"H x 3.25"W x 1.45"D (171 mm x 82.5 mm x 37 mm)	<b>Optional Printer</b>	NOTE: A printer adapter cable must be ordered with the printer.
<b>Weight</b>	16.3 oz. (462 grams) with batteries	<b>Printing System</b>	Thermal serial dot system
<b>SpO<sub>2</sub> Range</b>	0-100%	<b>Dimensions</b>	5.4"H x 4"W x 1.4"D (135 mm x 100 mm x 35 mm)
<b>Accuracy</b>	70-100% +/- 2% 50-69% +/- 3%	<b>Weight</b>	Approximately 14 oz. (400 grams)
<b>Displays</b>		<b>Power Supply</b>	4.8V (500mAh, Ni-Cad battery)
<b>SpO<sub>2</sub></b>	LED numeric display	<b>Paper Width</b>	2.32" (58 mm)
<b>Pulse Rate</b>	LED numeric display	<b>Printing Width</b>	1.84" (46 mm)
<b>Pulse Strength</b>	Logarithmically scaled bar graph	<b>Optional PC Adapter Cable</b>	Connects Pulse Oximeter to PC (requires Windows 3.1™ or above)
<b>Patient Number</b>	Displays/increments at start-up and each time ON key is pressed	<b>Optional Probes</b>	
<b>Key</b>	On/Off	<b>Reusable</b>	<ul style="list-style-type: none"> <li>• Adult/pediatric finger universal "Y"</li> <li>• Infant hand/foot universal "Y"</li> <li>• Adult/pediatric ear clip (use with "Y")</li> <li>• Adult/pediatric ear probe</li> <li>• Infant toe wrap</li> </ul>
<b>Memory</b>	99 sequenced patient spot-check results can be stored	<b>Disposable</b>	<ul style="list-style-type: none"> <li>• Adult finger</li> <li>• Pediatric finger/toe</li> <li>• Infant finger/toe</li> <li>• Neonate hand/foot</li> </ul>
<b>Warranty</b>	Two Year On Pulse Oximeter		
<b>Approvals</b>	UL, CSA and TUV		
<b>Power Requirements</b>	3 alkaline or Ni-Cad standard C-cell batteries		

Ordering Information		
<b>T3520</b> Allied Pulse Oximeter System Includes Pulse Oximeter, reusable finger probe, carrying case, operations/service manual and 3 C-cell alkaline batteries	<b>T3521</b> Printer (must order printer adapter cable separate)	<b>T3531</b> Universal "Y" Probe
	<b>T3522</b> Printer Adapter Cable	<b>T3540</b> Operations/Service Manual
	<b>T3530</b> Reusable Finger Probe	<b>T3545</b> PC Adapter Cable
		<b>T3550</b> Carrying Case



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