



Cellular Pulse Oximeter

Reliable Innovation

The cellular pulse oximeter is the world's first cellular-connected device that measures oxygen saturation in the bloodstream and sends real-time, reliable data to a patient's provider and care team. Manage your most critical chronic care patients using real-time, immediately transmitted pulse oximeter results.

Patient Friendly with Clinical Efficiency

Easy-to-use and patient-centric, Cat-M cellular technology enables immediate transmission of critical health data allowing providers to make better-informed care decisions, leading to better outcomes. Cat-M is a cellular LTE-M technology used by some of the leading consumer goods companies and products on the market. This technology enables a cellular connected device to be "substantially enhanced... compared to normal LTE devices". Devices without CAT-M chips or devices with Bluetooth have weaker signals. This enhanced technology provides better building penetration reducing interruptions, ensuring a more secure connection for real-time RPM and better clinical efficiencies.

Technical Specifications

Display Mode	OLED
SpO2	Measurement Range: 35-100%, Accuracy: ±3%
Pulse Rate	Measurement Range: 25-250bpm, Accuracy: ±2bpm
Low Perfusion	Range: 0.5-20%, SpO2 Accuracy: ±3% (70-100%), PR Accuracy: 25-250bpm ±2bpm
Electrical Specifications	Working voltage: D.C.2.2 V~D.C.3.4V Battery Type: Two 1.5V AAA alkaline batteries Battery Life: More than 500 times measurement and upload on normal condition.
Product Specifications	Size: 58 (H) × 34 (W) × 30(D) mm, Weight: 50g (include two AAA batteries)
Temperature	Operation: +5~+40 °C, Transport and storage: -10~+50 °C
Humidity	Operation: 15%~80%(noncondensing), Transport and storage: 10%~90%(noncondensing)
Atmospheric Pressure	Operation: 860hPa~1060hPa, Transport and storage: 700hPa~1060hPa
LED	Wavelength: 666nm/905nm, Output power: <0.1mW