



## New SunTech Medical CT40 Vital Signs Device to Feature Masimo SET® Pulse Oximetry Technology



Masimo and SunTech Medical, a Halma (LSE:HLMA) company, jointly has announced the integration of Masimo SET® pulse oximetry technology into SunTech's CT40, a next generation spot-check vital signs device.

Masimo Signal Extraction Technology (SET®) Measure-through Motion and Low Perfusion™ pulse oximetry measures oxygen saturation (SpO<sub>2</sub>), pulse rate, and perfusion index. Masimo SET® has been shown to significantly reduce false alarms and accurately monitor for true alarms<sup>1,2</sup> and is estimated to be used on more than 100 million patients in leading hospitals and other healthcare settings around the world.

The SunTech CT40 is an ideal, affordable solution for clinical-grade spot-check measurements of blood pressure, temperature and pulse oximetry in hospitals and clinics. Ambulatory care, long-term care and low-acuity hospital departments can easily implement this versatile, user-friendly vital signs device that offers both advanced features and digital connectivity. The modular design allows clinicians to easily make adaptations to the device while in the field, adding thermometry, SpO<sub>2</sub> and Wi-Fi as needed. Other advanced features include the ability to transmit measurement data directly from the device, in accordance with HL7 messaging protocols, as well as BP Averaging Mode—an increasingly important component of accurate blood pressure measurement, as evidenced by the recently published SPRINT Study from the National Institutes of Health (NIH), which specified that a mean of three office BP measurements would be used to establish target BPs for Standard Group participants.<sup>3</sup>

“Both SunTech and Masimo share industry-leading technologies within our respective areas of expertise,” said Kenny Andersen, VP of Strategic Product Development at SunTech Medical. “Partnering with them on our next-generation vital signs platform is a very natural strategy. Masimo SET pulse oximetry is the benchmark for clinical performance, just as SunTech Advantage technology is for blood pressure. We look forward to a long and successful partnership.”

Rick Fishel, Masimo's President of Worldwide OEM Business and Strategic Development, stated, “SunTech Medical is a recognized global leader and worldwide supplier of non-invasive blood pressure measurement technology. Combining best-in-class measurement technologies that provide superior performance, accuracy, and affordability, in flexible and cost effective monitors, supports our organizations' mutual vision to offer solutions that help clinicians improve patient outcomes and reduce the cost of healthcare delivery. We are very pleased to partner with SunTech Medical and that Masimo SET pulse oximetry is the preferred pulse oximetry offering in the highly versatile and cost-effective SunTech CT40 monitor.”

The SunTech CT 40 with Masimo SET® technology has a CE Mark. It is not FDA cleared and is not available for sale in the United States.

## References:

1. Shah N, Ragaswamy HB, Govindugari K, Estanol L "Performance of Three New-Generation Pulse Oximeters during Motion and Low Perfusion in Volunteers" . J Clin Anesth. 2012 Aug;24(5):385-91.
2. Taenzer, Andreas H.; Pyke, Joshua B.; McGrath, Susan P.; Blike, George T. "Impact of Pulse Oximetry Surveillance on Rescue Events and Intensive Care Unit Transfers: A Before-and-After Concurrence Study." Anesthesiology, February 2010, Vol. 112, Issue 2.
3. The SPRINT Study Research Group; The design and rationale of a multi-center clinical trial comparing two strategies for control of systolic blood pressure: The Systolic Blood Pressure Intervention Trial (SPRINT); Clin Trials; October 2014; 11(5): 532-546.

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