

Singapore brand BUZUD's latest smartwatches detect signs of sleep apnea

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BUZUD's latest smartwatch models feature oximeter sensors that detect signs of sleep apnea



Singapore brand BUZUD, Fosun Trade Medical Device, a leading manufacturer of medical appliances, has announced its next-generation smartwatches DM01 and DM02 that can detect blood oxygen levels and monitor sleep quality with its SpO2 technology.

The feature-rich smartwatches have highly sensitive sensors that provide accurate health data insights, for both consumers actively seeking to manage their wellness and health conditions, and for fitness enthusiasts.

Developed together with medical professionals, the DM01 and DM02 have been validated in clinical studies and tested on 3,000 people in a clinical trial conducted by doctors. The SpO2 oximeter sensor measures oxygen saturation levels while the user is still or sleeping. The measurement of the percentage of oxygen in the blood, and sleep patterns help to determine if there is a dip in oxygen levels during sleep—which can mean a condition called sleep apnea. Sleep apnea is a sleep disorder where breathing is interrupted briefly and repeatedly.

The watches provide comprehensive health insights by monitoring in real-time blood pressure, blood oxygen level, heart rate, body temperature, and sleep pattern data. Other features include measuring the number of steps done, the distance covered and calories burned.