

# This is the first watch to integrate two in-depth health monitoring tools

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Withings, an emerging wearable smart device manufacturer, has just made the tech world have to mention their name with the launch of ScanWatch - the first smartwatch model to integrate two advanced health monitoring technologies: A system to detect atrial fibrillation and a tool to measure the concentration of oxygen in the blood.

Speak more clearly about each technology. Regarding the ability to measure blood oxygen levels, ScanWatch will emit light beams through the vascular system in the wrist to collect information about the amount of oxygen in the blood. 'Monitoring the amount of oxygen in the blood regularly plays a decisive role in screening for chronic hypoxia - the cause of a series of dangerous complications such as sleep apnea, brain hypoxia, stroke . ', CEO Mathieu Letombe of Withings said in a press release. In addition, blood oxygen index combined with other health data will become an important reference factor in treatment and health care in general.



Regarding technology to detect atrial fibrillation, this is essentially a complex heart rate monitor system, integrated with the ability to detect atrial fibrillation. Atrial fibrillation (or atrial fibrillation) is a type of arrhythmia, usually caused by an abnormal heartbeat, also known as arrhythmia. At this time, the muscles in the heart look like they are vibrating instead of contracting as usual. The sensor in ScanWatch is responsible for

tracking the entire heartbeat state. Upon detecting any abnormalities, the device will immediately alert the wearer and ask them to conduct an electrocardiogram (a method of monitoring the electrical activity of the heart) by touching the sensors. Turn on the watch face. The measurement results will then be announced on the ScanWatch app for smartphones or right on the watch face. This is not the first product of Withings to be equipped with an electrocardiograph feature, the Move ECG model launched last year also resonated with extremely accurate ECG measurement.

As planned, ScanWatch will be sold in the second quarter of 2020 for USD 249 (38mm face version) or USD 299 (42mm face version).

Over the past decades, the size of health monitoring tools in general as well as cardiovascular monitoring in particular has been scaled up many times, from the size of a toaster oven a few decades ago into Small smartwatches that you can take with you wherever you go. In the future, the fact that compact wearable health devices are integrated with modern medical technology will be the trend of the technology world.

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