



Wearable Cardiac Event Recorder

Unique ECG wristband sensor with medical grade accuracy. Monitor cardiac function anytime, anywhere.



Class IIa
Medical Device



MiCorTM A100

The MiCorTM A100 wearable ECG recorder is the first of its kind, a wristband that records and stores ECG measurements of your heart rhythm with medical grade accuracy. Easily monitor and diagnose cardiac conduction abnormalities without the need for a traditional Holter monitor referral.

MiCorTM A100

Wearable Cardiac Event Recorder



Our technology allows patients to monitor and record heart rhythm whenever palpitations arise. The data is then stored on the device for later review by a health professional.



Specifications

1 Lead ECG Recorder
Dry Electrode sensors
30 events of ECG wave, each event 30 seconds
7 days of sleep data in 30 seconds resolution
7 days of steps and calories burned of each day
Certified: CE Class IIA Medical Device
Connectivity: Bluetooth® low energy (BLE 4.0)
Waterproof: IP27
Display: 0.48" OLED
Charging time: 1.5 hours
Battery life per charge: Up to 15 days
Charging type: Magnet type USB cable
Input: 5V/1A
Buttons: Function toggle x1
Weight: 24.5g
Band Size: L: 128.85mm / S: 78.00mm
Phone Support: iPhone 5/5C/5S with iOS 8.0+. Android 5.0+ with BLE

Utilising ground breaking technology, this easy-to-use ECG wristband is a CE Class IIA medical device. Without compromising on patient care, it will reduce the number of unnecessary referrals thus improving patient waiting times and cutting NHS costs. Proven accuracy against MIT-BIH, AHA, ESC, NST & CU datasets.

The majority of Holter and electrode devices prevent you from doing those activities that generally impact on your heart rate. However, this innovative wristband has the potential for a healthcare professional to more rapidly identify arrhythmia and other abnormal cardiac symptoms and thus more effectively and efficiently manage waiting times and patient treatment.

The MiCor A100 stores 30 events sets of ECG signal (30 seconds per event) over a period of up to 15 days on one charge. After syncing with the app by healthcare professional or cardiologist an electrical cardiogram of each recording is shown which can easily be printed or emailed. The A100 has removable straps for hygienic cleaning allowing for multi-patient use.

**" The MiCor A100
has shown favourable
results in detecting
variation in cardiac
rhythms. "**

Prof. David Jayne

Clinical Director of NIHR Healthcare
Technology Co-operative, University of Leeds, UK



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