



**Your heart in good hands.**

**Set you free.**



**With FreeScan™ you are  
totally independent.**

Whether you are travelling, at the office, in a restaurant or at home – thanks to its small size, FreeScan™ is always ready to use at a moment's notice.

Data can be sent directly to your smartphone via the integrated Bluetooth transmitter.

**SwissDesign.**

**Measurably better.**

# FreeScan™

## the first cuffless blood pressure monitor in the world.



### Maisense launches a world first with FreeScan™

FreeScan™ is the first monitor able to read blood pressure straight from the pulse.

Using the recently developed PulseRead™ technology, pulse frequency is combined with a single-lead ECG to deliver precision results in a very short space of time.

Freescan is extremely fast, extremely practical and so small

it fits into any trouser pocket.

# FREESCAN

Set you fee.

# FreeScan™

## Simple and fast measurement.



### 1. Start

Turn on the device. Press the main button in the middle of the device for 2 seconds.

### 2. Take your pulse

Feel the pulse on your LEFT wrist in the same way your doctor measures your pulse.



### 3. Take measurement

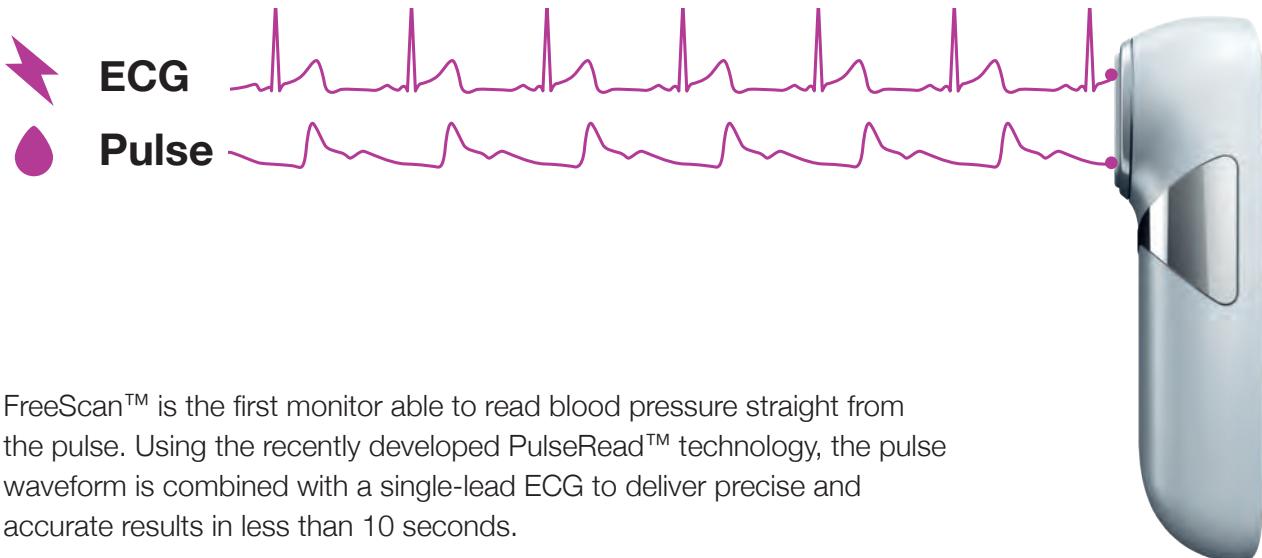
Hold FreeScan™ on the pulse with your right hand and press continuously on the measurement button with your index finger.

### 4. Result

After 10 seconds of measuring the result appears on the display.

# PulseRead™ Technology

## Innovation leading to higher accuracy.



FreeScan™ is the first monitor able to read blood pressure straight from the pulse. Using the recently developed PulseRead™ technology, the pulse waveform is combined with a single-lead ECG to deliver precise and accurate results in less than 10 seconds.

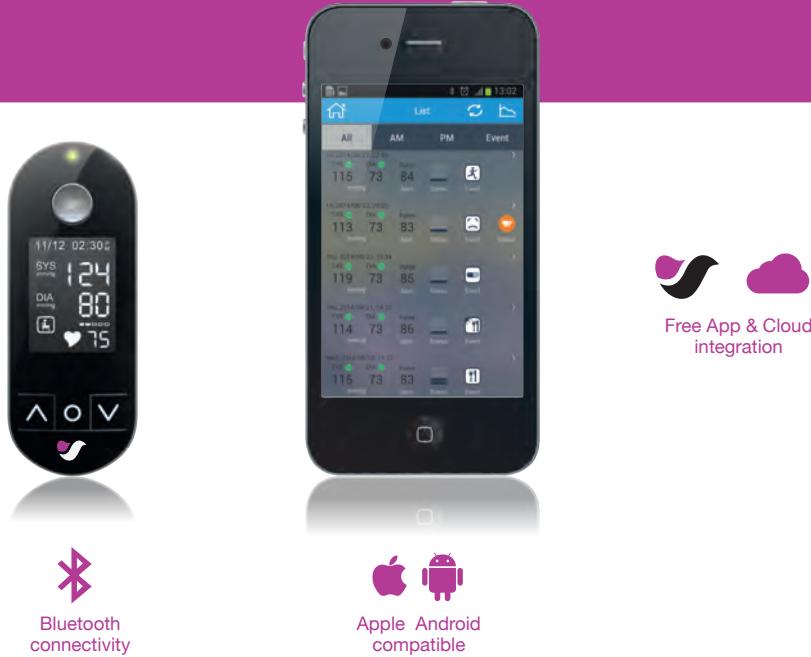
### Technical information



The device senses the lead 1 ECG and radial artery pulse by using 3 electrodes and 1 force sensor. With these bio-signals, the device gets certain parameters, including pulse transmission time (PTT), and calculates Systolic and Diastolic Blood Pressure according to a formula. The devices can also calculate heart rate (HR) and indicates irregular heart beat as well. To get both the ECG and pulse bio-signal, the user have to

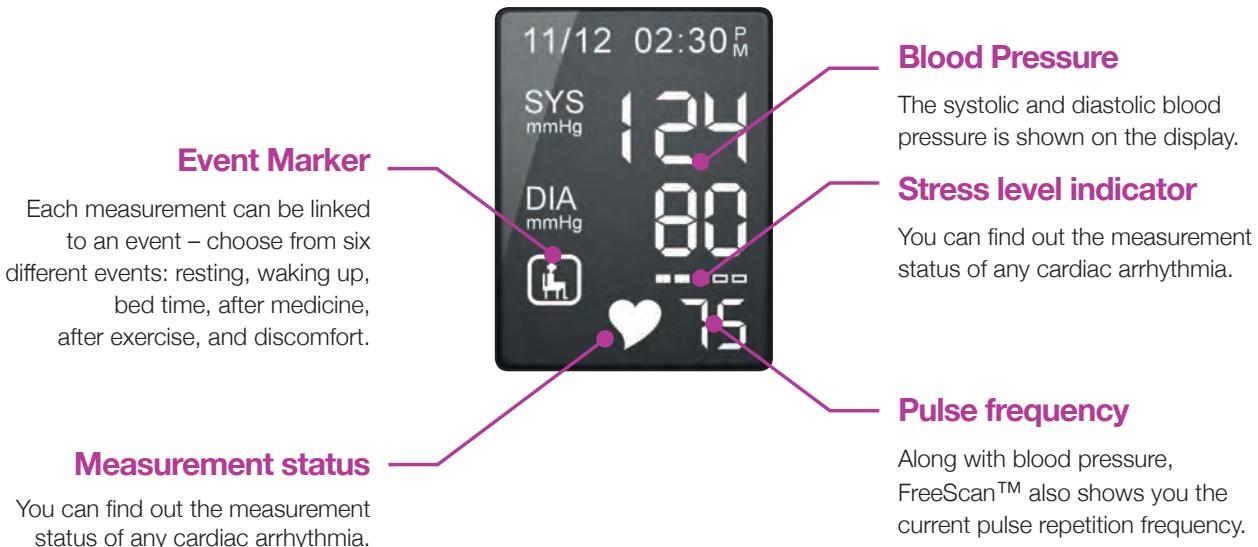
locate the position of his/her radial artery on left wrist and apply the sensing part thereof. There is an indicating LED flashing if it senses the signals successfully. The user has to keep the device steady as long as 10 secs and wait for a tone to indicate that the measurement is done. The measurement result will be shown on the display as a typical blood pressure monitor does.

# Health information. Anywhere. Anytime.



You can update or access your data easily on your mobile phone (iOS or Android). The free FreeScan™ app opens up many extra features, such as trend view for historical measurements, artery age, more events, and ECG/pulse waveform viewing. All of your measurement data is stored in the Cloud, where you can always access it and send it easily – this optimises communication with your doctor.

## More than just blood pressure values.



# FreeScan™ Benefits at a glance.



## Cuffless measurement

Simple, discreet and painless.



## Precise and reliable

Thanks to the patented PulseRead™-Technology.



## Small & mobile

FreeScan™ is small, portable and fits in any trouser pocket. Measure your blood pressure when and where you want to.



## App & Cloud Integration

The FreeScan™ app opens up additional features. Your data is always available via the Cloud.



## Rechargeable battery

One battery charge is sufficient for up to 200 measurements. Can be charged simply using the USB cable.



## More than blood pressure measurement

Along with the current blood pressure numbers, FreeScan™ also shows you your pulse and stress level.



## Fast measurement

Within just 10 seconds, FreeScan™ provides your current measurement results.



## Wireless data transfer

The FreeScan™ data can be transferred simply via Bluetooth to your mobile phone or PC.



**Set you free.**

Manufacturer:

**Maisense. Inc.**

12F-8, No. 100, Sec. 1, Jaifeng 11th Rd.,  
Zhubei City, Hsinchu County 30273  
Taiwan (R.O.C.)  
[info@maisense.com](mailto:info@maisense.com)  
[www.maisense.com](http://www.maisense.com)

Distribution Europe:

**MBC International Ltd.**

Medical Consulting & Distribution  
Tribschenstrasse 70, 6005 Luzern  
Switzerland

[info@mbc-international.com](mailto:info@mbc-international.com)