

## About Us

L.I.F.E Italia S.r.l. is a research-intensive start-up created as the Italian branch of L.I.F.E Corporation S.A.

Founded in 2011, L.I.F.E. was first established in the United States, but developed its design in Milano, Italy, and its data-security system in Sierre, Switzerland.

L.I.F.E. is committed to enhance life by creating technologies that allow people and "patients" to play an active role in their wellbeing and happiness.

In order to achieve medical accuracy by respecting differences in body morphologies, L.I.F.E. has two gender specific brands:



Our devices monitor users in the freedom of their real life, far from the stress of laboratories or intrusive machineries and cables. Users have control and ownership of their physiological data.

Physiological data are the most intimate expression of who you are: they tell the truth about your state of wellbeing. By listening to your body you can achieve your best and **express your truth**™.

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## Tech Specs

### Garments

Model	CTS-Med
Applied Parts	Type CF
ECG leads	12
Respiratory Sensors	5
ECG Sampling Freq.	500Hz
A/D Resolution ECG	24bit
Respiratory Sensors Sample Freq.	50Hz
A/D Resolution Respiratory	11bit
IP Rating	IP68
Weight (range XS - 7XL)	0.450-0.550 Kg

### Logger

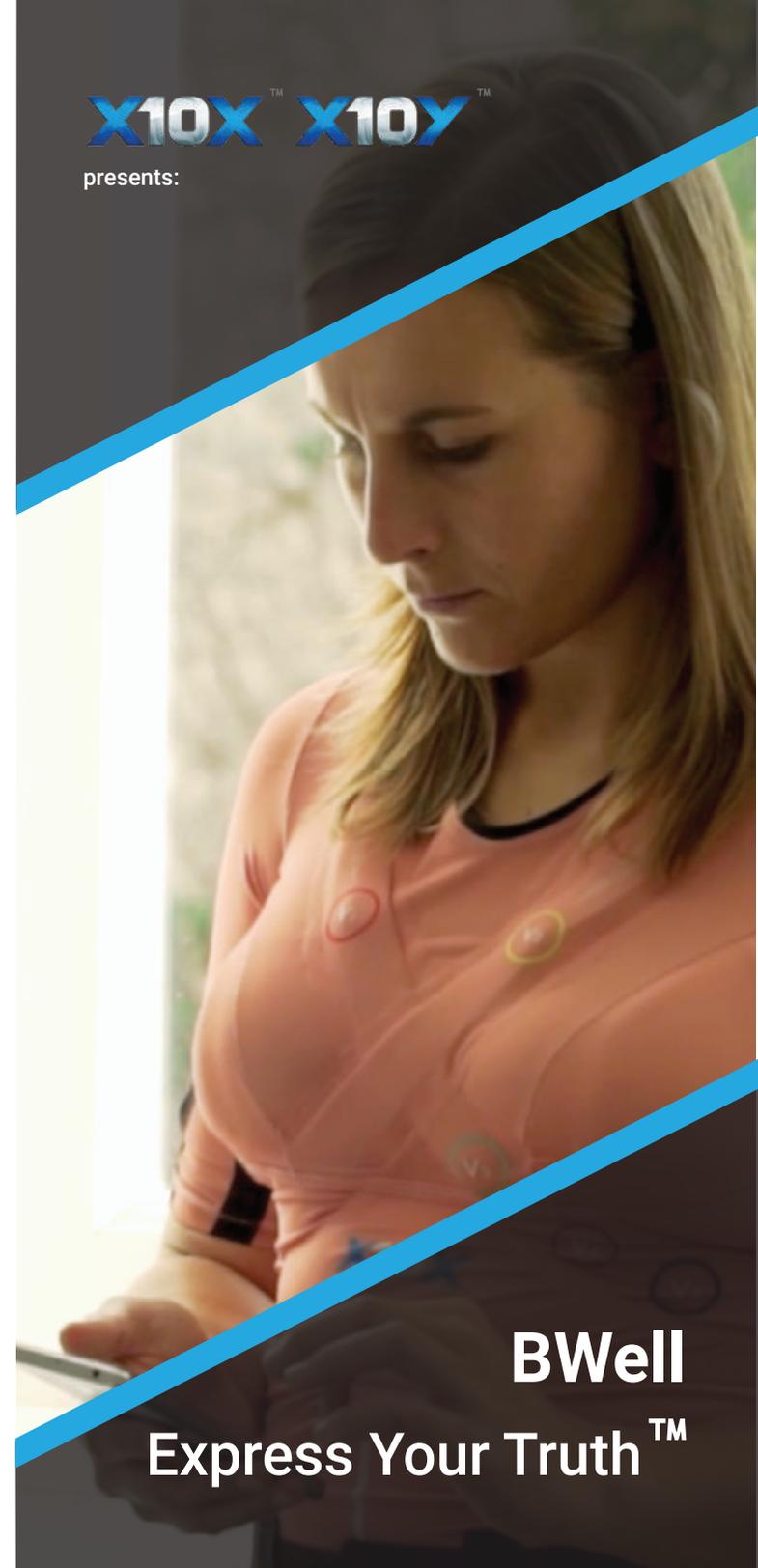
Model	CTS-Med BT
Insulation Classification	Internally Powered
Power Supply	Li-Po Battery (non removable) 2200 mAh Nominal Voltage 3.7V
IP Rating	IP22
Weight	0.11 Kg
Dimensions	11.8 x 7.0 x 1.5 cm

CE 0068

CE marked as Class IIa Medical Device  
according to MDD 93/42/EC and 2007/47/EC

X10X™ X10Y™

presents:



**BWell**

**Express Your Truth™**

# Overview

The package consists of the following components:

- **CTS-Med** (12 ECG leads, 5 respiratory tracks, 1 IMU)
- **CTS-Med BT** (with removable microSD)
- Software **LIFEHSM + LIFESYNC**
- Software **LIFEWEB**

As shown in the illustration, the logger must be connected to the garment in order for the device to begin recording and storing the patient's data.

In order to configure the LIFEHSM software, the patient's information must be inserted such as name, age, fiscal code. Once the software is configured, it will manage the acquisition and the visualization of the data generated from the medical garment. **L.I.F.E guarantees that all data will always and only belong to the user.**

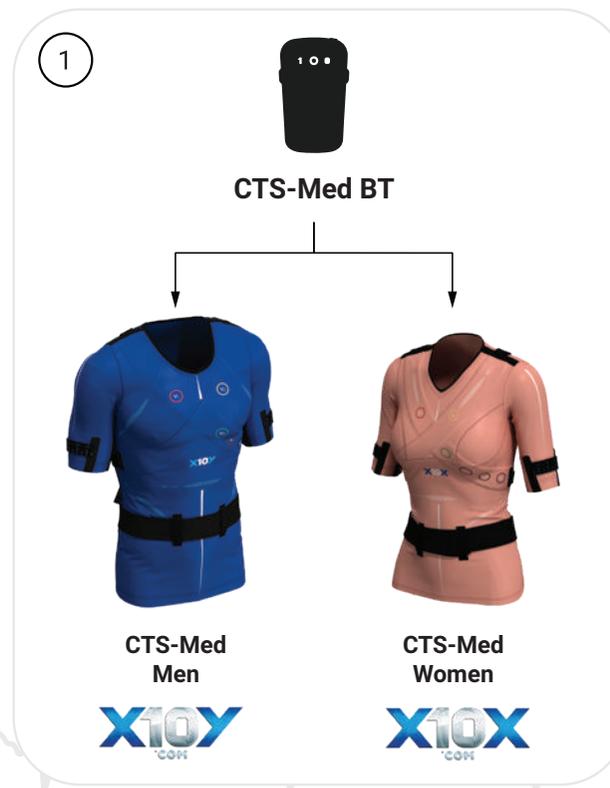
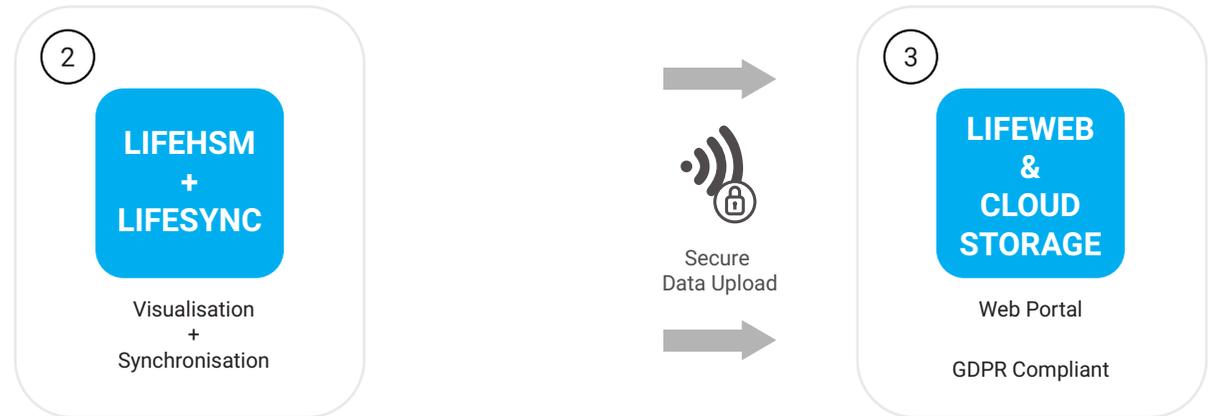
The Bluetooth connection can stream the physiological data in real time onto the LIFEHSM software for the physician and patient to visualize immediately. Once you disconnect the Bluetooth connection and begin the recording, the data are stored on the microSD.

## Intended Use

The use of the BWell is indicated for assisting clinical diagnosis aimed at detecting arrhythmias, conductive cardiac disorders, and ischemic cardiopathies.

Additionally, it monitors the respiratory mechanics that are fundamental to the diagnosis of sleep-related respiratory disorders.

This device does not diagnose, it collects the data necessary for a diagnosis.



As shown in the illustration, BWell Medical Device is composed of:

- 1 CTS-Med + CTS-Med BT
- 2 LIFEHSM + LIFESYNC
- 3 LIFEWEB & Cloud Storage

Powered by **L.I.F.E. Italia S.r.l.**