

# uLOVE 3

Measure and Manage Stress for Family



**OSIM**   
Inspiring well-being



# De-stress for everyone in the family

Modern life can be stressful for everyone regardless of our life stages, but we do not have to accept our stressful lifestyle as the norm. It is time to take control of the well-being of the whole family, and de-stress thoroughly through the OSIM uLove 3 - The Family Well-Being Chair.

## The common stress sources from different members in the family

- Youth**
  - School
  - Physical development
  - Relationships & Friendships
- Adults**
  - Work
  - Family
  - Finances
- Seniors**
  - Health
  - Family
  - Retirement



uLove 3 – The Family Well-Being Chair  
Measure, monitor and manage stress, and take charge of your family's well-being.

# uLOVE 3

De-stress for everyone in the family to achieve well-being



## Well-Being Innovation Powered by Science For Your Whole Family

Let OSIM uLove 3 measure and relieve your stress through superior smart technologies designed for everyone in the family. Achieve total relaxation of mind and body when you feel all of your stress melt away!

uLove 3 blends together three elements (1. AI Stress Analysis, 2. Personalized Body Tension Programs, 3. Specialized Massage Programs) to deliver exceptional wellness experience that will uplift and enhance your family's well-being.





# 1. AI Stress Analysis Technology PATENT PENDING

Stress impacts us physically and emotionally. It activates our sympathetic nervous system (SNS) and triggers internal stress responses including increased heart rate, shortness of breath, tensed muscles and more to power the fight-or-flight response. A special health report published by Harvard Medical School states that prolonged stress can lead to high blood pressure, cardiovascular diseases, diabetes, cancer and many more health diseases<sup>[1]</sup>.

OSIM uLove 3's biosensors use the latest electrocardiogram technology (ECG) to accurately measure your stress level through Body Tension Scores. These scores are easy-to-understand insights that are calculated using a patent pending AI-Powered Algorithm that analyzes the stress signals of your body.

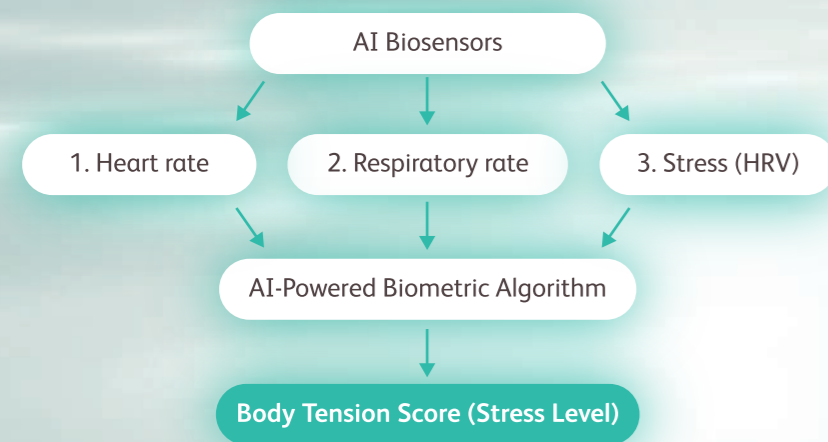
## Body Tension Score for measuring and monitoring stress

uLove 3 measures your heart rate, respiratory rate and heart rate variability (HRV) in just under a minute. It then determines your Body Tension Score using an AI-powered biometric algorithm. The algorithm which will be enhanced by machine learning to improve the accuracy of measuring your Body Tension Score over time.



**Dr Thomas Burdon**  
Cardiothoracic Surgeon,  
Stanford University

### AI Stress Analysis



### Body Tension Score and its interpretation

Body Tension Score	Interpretation
1 - 20	<b>Low body tension</b> Feel very relaxed most of the time.
21 - 40	<b>Minimal body tension</b> Feel relaxed and only affected by stressful situation once in a while.
41 - 60	<b>Moderate body tension</b> Average level for most people living in urban environment. May need to proactively manage Body Tension score to avoid long-term health consequences.
61 - 80	<b>Above average body tension</b> Feel stressed out most of the time and should manage Body Tension score very pro-actively.
81 - 100	<b>Very high body tension</b> Substantial level of stress buildup internally. A change in lifestyle is strongly recommended, and advised to manage Body Tension immediately.

Works Cited

<sup>[1]</sup> Harvard Medical School, "Stress Management: Enhance your well-being by reducing stress and building resilience," Harvard Health Publishing, Boston, MA, 2016. This is not endorsed by the aforementioned institution.

# Measuring heart rate and respiratory rate for total well-being

In order to have a holistic view of your total well-being, uLove 3's AI Stress Analysis includes other lifestyle well-being indicators, such as your Heart Rate and Respiratory Rate. Keep stress at bay and your family's wellness in check with the uLove 3 Well-Being Chair.



## Heart Rate

Your heart rate, or pulse, is measured by the number of beats per minute. Stress can lead to a consistently elevated heart rate, which can potentially lead to heart problems later in life.



## Respiratory Rate

Your respiratory rate is the number of breaths you take per minute. Stress, however, can result in a faster but less effective respiratory rate which indirectly contributes to feelings of anxiety.



## Guided Breathing Exercise

Did you know that deep breathing has been proven to reduce stress? Unwind your body and soul with guided breathing exercise that is compatible with any uLove 3 programs, via the OSIM Well-Being App.

Respiratory rate (breath/min)	Indications for healthy adults
5 - 6	Ideal for deep breathing exercise
12 - 20	Normal breathing rate
> 20	Stressful lifestyle





## 2. Personalized body tension programs based on body tension score

With your Body Tension Score that reflects the stress level in your body, the uLove 3 is able to customize the perfect Body Tension Programs for you to de-stress. As everyone experiences stress differently, each person's Body Tension Programs comes with its unique music and massage formula.

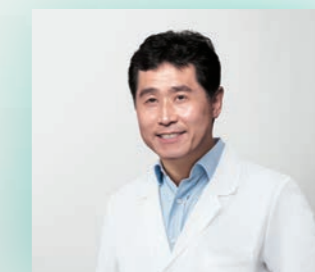


Unique music and massage formula of Personalized Body Tension Programs

Body Tension Score	Personalized Program	Objective
Low range	Uplifting and cheerful music paired with a balanced massage	To uplift and brighten the spirits while maintaining a low stress score
Mid range	A balanced blend of uplifting and soothing beats paired with a relaxing massage to de-stress	For further relaxation and stress relief to lower your stress level
High range	A mellow and calming mix of music paired with massage designed for maximum stress relief	To bring down your stress level through deep relaxation and solace

## 3. Specialized lifestyle programs for everyone in the family

Whether it is vigorous long studying hours that is causing you stress, or the rigours of balancing work and home, the uLove 3 comes equipped with programs fit for every age group, and knows what exactly you need.



My years of experience in massage treatments provide me insights on users' needs, and the knowledge to design effective lifestyle massage programs that not only address those needs but are also indulgently enjoyable.

**Sato Tsuyoshi**  
Japanese Chiropractic Massage Expert

### For each member of the family

#### Adults



#### Signature

Using OSIM signature technologies to deliver the most comprehensive full body massage. With a combination of signature moves and intensities that cater to each part of the body, this program provides a complete head-to-toe enjoyment.

#### Seniors



#### Well-being (Seniors)

Specially designed for seniors, this soothing full body massage utilizes lighter and gentle massage techniques to enhance circulation and relieve common aches that comes with aging.

#### Exercise (Seniors)

Designed as a form of indoor passive exercise for seniors leading considerably sedentary lifestyle, to simulate exercise by improving circulation and range-of-motion.

#### Youth



#### De-stress (Youth)

Take a break and de-stress from school! This program uses relaxing massage techniques on the whole body to alleviate mental and physical stress.

#### Gaming (Youth)

Specially designed for gamers, this program targets the hands, arms, neck and lumbar areas, which can help to relieve muscle tension and stiffness.

#### New Download Programs for Adults, Seniors and Youth

Look forward to more download programs specially designed for adults, seniors and youth. These programs are available periodically to satisfy the diverse and evolving lifestyle needs of the whole family.

### For everyone in the family



#### Targeted Body Relief

1. Head & Neck
2. Neck & Shoulders
3. Lumbar & Butt



#### Lifestyle

4. Stretch
5. Sleep
6. Sport Recovery
7. Beauty



# Digital innovations with seamless app control

In this digital age where everything is becoming increasingly personalized, we are handing over full control to you. Elevate your seamless massage experience with the OSIM Well-Being App. As you are enjoying a full suite of massage programs, simply play original music tracks and even personalize your massage adjustments on your phone.



## NFC Touchpoint for quick app access

Tap your smart device on the uLove 3's Near-Field Communication (NFC) tag will allow you to download the OSIM Well-Being App, or open up the app directly. This fuss-free, advanced technology allows you to access the app instantly and conveniently!



## Full chair control

OSIM Well-Being App connects seamlessly with uLove 3 for quicker and easier control. Stream music, access to a curated suite of massage programs, make massage customizations and adjust your chair positions for a personalized well-being experience.



## Monitor well-being trends over time

Through trend charts, you can monitor your body tension score, heart rate and respiratory rate over time. This can help you to understand how stressful incidents and relaxation techniques can affect your well-being, and empower you to take mindful steps to reduce your body tension and stress over time.



## Full suite of massage programs

With manual programs catered to your needs, auto programs designed for different lifestyles and targeted body relief, and personalized body tension programs based on your stress score, there is always a program suited for everyone in the family.



## New download programs

Download the regularly added new massage programs in app that are designed to fulfil the ever-evolving and diverse needs of your family. Enjoy endless massage pleasures with this patented download technology.

# uLove 3 signature & patented massage technologies

## 1 V-Hand™ Plus Massage **PATENTED**

With an improved version of the revolutionary patented V-Hand™ Technology, uLove 3's V-Hand™ Plus mimics the agile hands of a professional masseuse to deliver an ultra-realistic massage knead and grip motion capable of untangling even the deepest muscle knots.

The V-Hand™ Plus also features an enhanced 720° roller design, capable of following your body's contours in fluid motions reminiscent of highly skilled masseuses.

## 2 4-Hand™ Plus Massage **PATENT PENDING**

4 sets of powerful massage rollers are engineered for moving together in perfect synchronicity, mirroring the effects of two masseuses massaging your upper and lower body at once.

NEW – Unique to the uLove 3, feel the new wave massage on your butt and thighs!

## 3 Body-Warmth Tech **PATENTED**

The soothing warmth technology in uLove 3 envelops your entire back and calves to enhance circulation and relieve stiff, aching muscles. It can also bring great comfort to you in the cold weather!

## 4 Leg-Reflex Massage **PATENTED**

Designed for wide and narrow calves width in mind, uLove 3 leg-reflex delivery a complete calves-ankle-feet kneading massage and feet reflexology.

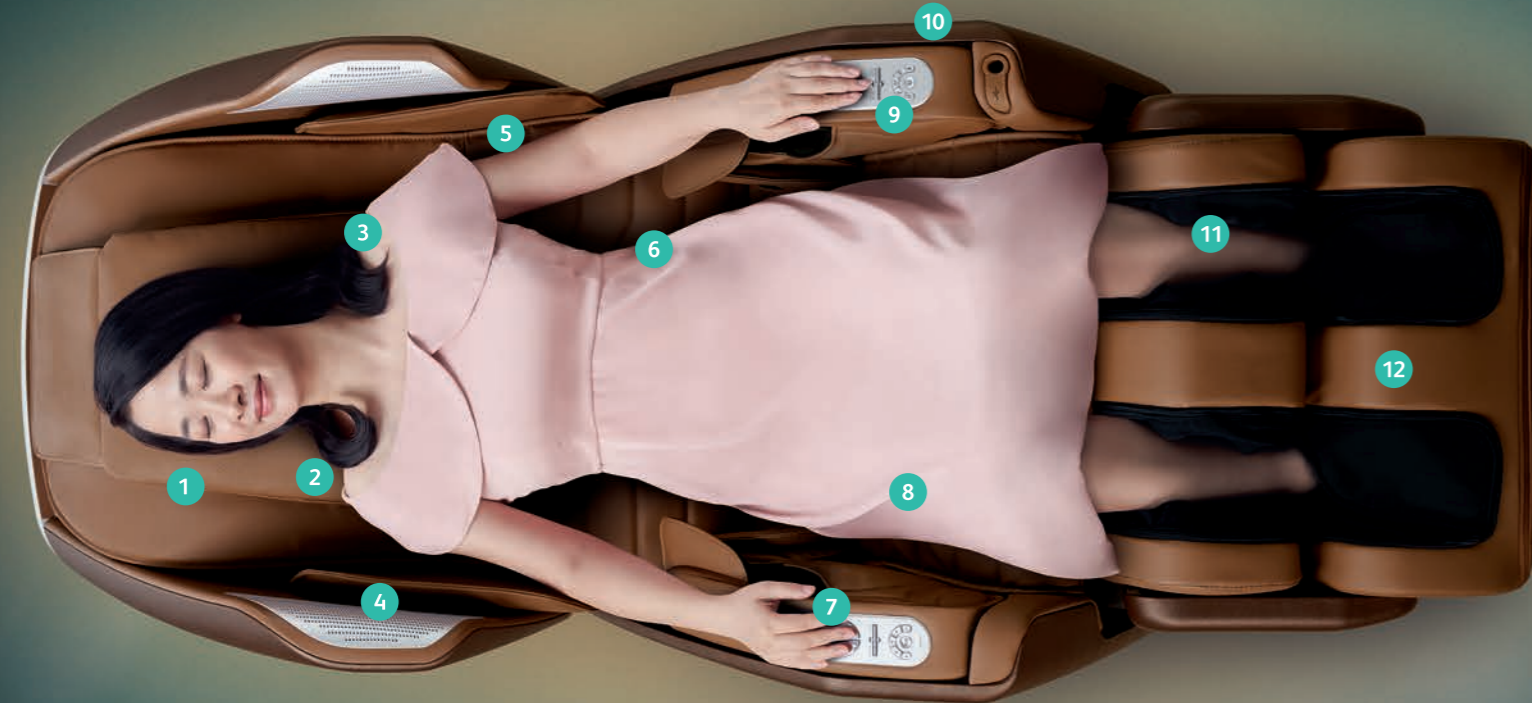
## 5 Other Innovations

Through continuous innovation, uLove 3 has 18 registered technology patents and design registrations in various territories around the world, specifically developed with your well-being and experience in mind.





## Patented technologies, features and designs



1. Patented head support for the most comfortable head massage
2. Patented V-Hand™ Plus with 720\* roller balls to knead away neck & shoulder muscle knots
3. Auto shoulder detection assesses your unique physical build, ensuring that you benefit from the full effects of the massage
4. 3D Surround Sound speakers for an immersive audio experience

5. Patented adjustable arm airbag massage that fits you snugly according to your shoulder width
6. Patented Body-Warmth Tech for back and legs
7. Patent-pending AI Stress Analysis algorithm to measure body tension and other well-being indicators
8. Patent-pending 4-Hand™ Plus to massage your upper and lower body concurrently

9. On-board control panels for easy, quick access to chair and massage controls
10. Patented new program download technology to satisfy the evolving needs of your whole family
11. Patented Leg-Reflex calf kneading and feet rollers for a powerful full leg massage
12. Patented convertible ottoman and leg massager for versatile lifestyle usage

## Intimate entertainment chamber for quality me-time

Savour the symphonic blend of massage with your choice of audio-visual entertainment streamed through your mobile devices.

The unobtrusive, perfectly positioned speakers boast a well-balanced audio and an enveloping 3D Surround Sound effect.

An immersive and relaxing entertainment experience awaits you.

Complete with Entertainment Stand and USB charging function

Watch movies or read on your smart device using the entertainment stand while leaving it plugged in for charging, via the uLove 3 USB port. This hands-free experience means increased immersion and comfort!





## Bold and contemporary design by Pininfarina

Pininfarina is a universally known product design brand that embodies Made-in-Italy design excellence. Best known for its Ferrari designs, Pininfarina has established itself as one of the world's leading luxury product designers.

Now, this world class design can be part of your home to make a statement in your interior, as your body reaps the full benefits of uLove 3's restorative lifestyle programs.



3 stylish hues are selected to evoke a sense of extravagance, perfectly complementing any contemporary living space.



# Combination of quality, performance and safety

Equipped with various safety features and adhering to International Safety Standards, you can fully enjoy your uLove 3 with a peace of mind.



## CE Certified (Conformité Européenne)

uLove 3 meets European Union (EU) standards for health, safety, and environment protection.



## RoHS Compliant

uLove 3 complies with EU's Directive, the Restriction of the Use of certain Hazardous Substances in Electrical and Electronic Equipment (RoHS).



## ISO 13485 Certified

The "Design and Development, Manufacture and Distribution of Massagers, Massager Chairs" has fulfilled all the safety requirements for ISO 13485.

## Comprehensive safety features



### Backrest safety mechanism

The smart uLove 3 will automatically stop reclining its backrest once it comes in contact with objects more than 5kg in its path of motion.



### Anti-heating mechanism

Once the chair internal sensor detects a certain high temperature, it will activate the safety-stop function to stop all massage mechanisms to prevent overheating.



### Footrest safety mechanism

A set of safety sensors located at the bottom of footrest will be triggered to automatically stop retracting once it come in contact with resistance.



### Alternating hand airbag massage

Hand massages are programmed to only activate on one hand at any time. This allows you to easily free your hand in case of any emergencies.

# Global leader in well-being and healthy lifestyle products

With over 40 years of experience, OSIM is the pioneer and global leader in branded healthy lifestyle products. Currently present in over 99 cities and 21 countries, OSIM prides itself on being at the forefront of innovations by constantly pushing well-being frontiers, innovating new technology and developing customer-focused well-being products.



## OSIM, the trusted wellness brand.

### Inspiring Well-being

Enhancing customer's well-being is always at the heart of everything we do.

### Quality Performance

Approved product clinical research, medical certifications and scientific studies.

### Award-Winning Designs

Brand and product design awards garnered from Japan, Europe, USA and Asia

### International Safety Standards

Conformance to worldwide health and safety regulations.

### Innovation and Technology

Global technology patents, design and trademark rights.

### OSIM Global Network

More than 455 outlets in more than 99 cities across 21 countries. \*as of Jan 2022





## Specifications

Model	OSIM uLove 3
Model number	OS-8218
Power consumption	260W

Dimensions	
Upright	127(L) x 76(W) x 116(H) cm
Reclined	185(L) x 76(W) x 97(H) cm
Net Weight	Approx. 105 Kg

Get the OSIM Well-Being App:



Compatible with selected smart devices running on iOS version 12.0 and above or Android version 8.0 and above.  
All smart devices require compatible connectivity using wireless (Wi-Fi or cellular data networks) and Bluetooth-LE 4.0 and above.  
For updates on OSIM Well-Being App, please visit the respective app stores.

For more information on OSIM uLove 3, visit <http://www.OSIM.com>  
Contact our customer hotline at +65 6741 1538

Complies with Safety and Quality Standards of  
International Certification Boards:

- RED directive 2014/53/EU under EN Standards.
- Safety Test for Household & Similar Electrical Appliances under GB Standards.



Applicable certification marks vary with  
product specifications