P90 THz Smart Physical Instrument

Smart Physical Instrument

P90 THz Smart Physical Instrument

Cover more than **150 countries** and regions

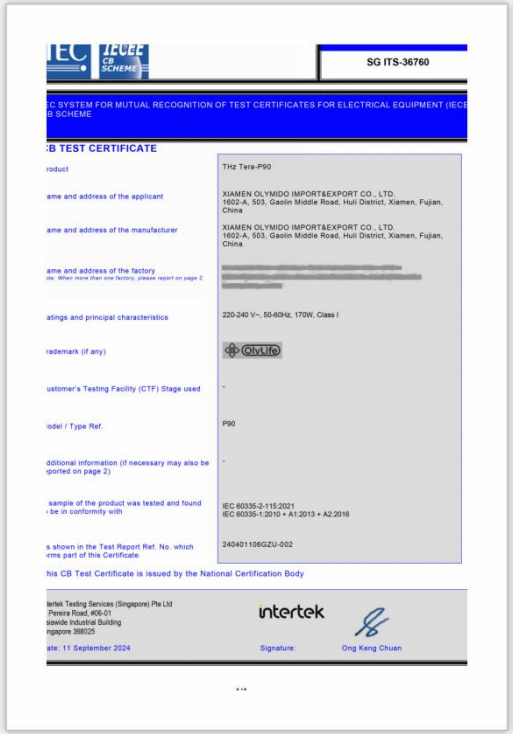
1000,000+ units have been sold

Over **100 million** users

P90 Obtains High-Standard International Certification.

P90 THz Smart Physical Instrument

CB
(IEC certification)



SG ITS-36760

B TEST CERTIFICATE

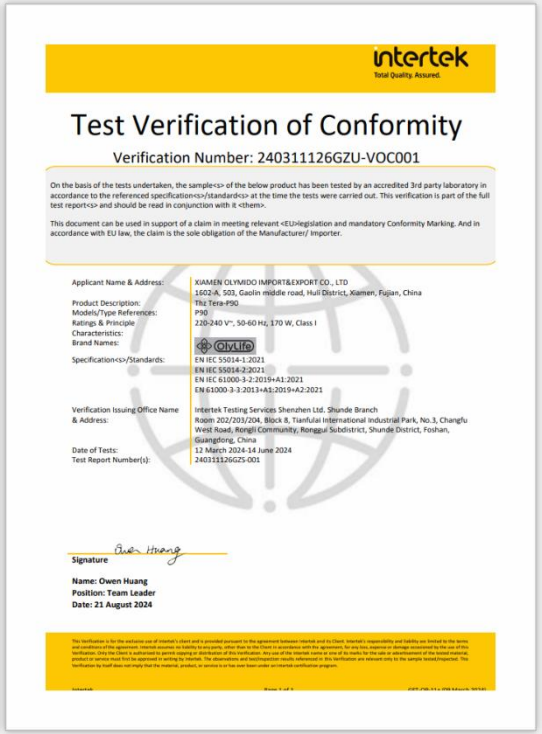
roduct	THz Tera-P90
ame and address of the applicant	XIAMEN OLYMIDO IMPORT&EXPORT CO., LTD. 1602-A, 503, Gaolin Middle Road, Huli District, Xiamen, Fujian, China
ame and address of the manufacturer	XIAMEN OLYMIDO IMPORT&EXPORT CO., LTD. 1602-A, 503, Gaolin Middle Road, Huli District, Xiamen, Fujian, China
ame and address of the factory	[redacted]
atings and principal characteristics	220-240 V~, 50-60Hz, 170W, Class I
rademark (if any)	OlyLife
ustomer's Testing Facility (CTF) Stage used	-
odel / Type Ref.	P90
dditional information (if necessary may also be	-
sample of the product was tested and found be in conformity with	IEC 60335-2-115:2021 IEC 60335-1:2010 + A1:2013 + A2:2016
s shown in the Test Report Ref. No. which rms part of this Certificate	240401106GZU-002

his CB Test Certificate is issued by the National Certification Body

ertek Testing Services (Singapore) Pte Ltd
Pereira Road, #06-01
iswide Industrial Building
ngapore 368025

ate: 11 September 2024 Signature: Ong Keng Chuan

CE EMC
(EU electromagnetic compatibility certification)



intertek
Total Quality. Assured.

Test Verification of Conformity

Verification Number: 240311126GZU-VOC001

On the basis of the tests undertaken, the sample<s> of the below product has been tested by an accredited 3rd party laboratory in accordance to the referenced specification<s>/standard<s> at the time the tests were carried out. This verification is part of the full test report<s> and should be read in conjunction with it <them>.

This document can be used in support of a claim in meeting relevant <EU>legislation and mandatory Conformity Marking. And in accordance with EU law, the claim is the sole obligation of the Manufacturer/ Importer.

Applicant Name & Address:	XIAMEN OLYMIDO IMPORT&EXPORT CO., LTD 1602-A, 503, Gaolin middle road, Huli District, Xiamen, Fujian, China
Product Description:	Thz Tera-P90
Models/Type References:	P90
Ratings & Principle Characteristics:	220-240 V~, 50-60 Hz, 170 W, Class I
Brand Names:	OlyLife
Specification<s>/Standards:	EN IEC 55014-1:2021 EN IEC 55014-2:2021 EN IEC 61000-3-2:2019+A1:2021 EN 61000-3-3:2013+A1:2019+A2:2021
Verification Issuing Office Name & Address:	Intertek Testing Services Shenzhen Ltd. Shunde Branch Room 202/203/204, Block 8, Tianfulai International Industrial Park, No.3, Changfu West Road, Rongli Community, Ronggui Subdistrict, Shunde District, Foshan, Guangdong, China
Date of Tests:	12 March 2024-14 June 2024
Test Report Number(s):	240311126GZS-001

Signature

Name: Owen Huang
Position: Team Leader
Date: 21 August 2024

CE LVD
(EU Low Voltage Directive certification)

intertek
Total Quality. Assured.

Test Verification of Conformity

Verification Number: 240401106GZU-VOC001

On the basis of the tests undertaken, the sample<s> of the below product has been tested by an accredited 3rd party laboratory in accordance to the referenced specification<s>/standard<s> at the time the tests were carried out. This verification is part of the full test report<s> and should be read in conjunction with it <them>.

This document can be used in support of a claim in meeting relevant <EU> legislation and mandatory Conformity Marking. And in accordance with EU law, the claim is the sole obligation of the Manufacturer/ Importer.

Applicant Name & Address:	XIAMEN OLYMIDO IMPORT&EXPORT CO., LTD. 1602-A, 503, Gaolin Middle Road, Huli District, Xiamen, Fujian, China
Product Description:	THz Tera-P90
Ratings & Principle Characteristics:	220-240 V~, 50-60Hz, 170W, Class I
Models/Type References:	P90
Brand Names:	OlyLife
Specification<s>/Standards:	Household and similar electrical appliances —Safety— EN 60335-1:2012 + A11:2014 + A13:2017 + A1:2019 + A2:2019 + A14:2019 + A15:2021+A16:2023/Part 1: General requirements EN IEC 60335-2-115: 2023+A11:2023/Part 2-115: Particular requirements for skin beauty care appliances EN 62233: 2008/ Measurement methods for electromagnetic fields of household appliances and similar apparatus with regard to human exposure Low Voltage Directive 2014/35/EU
Verification Issuing Office Name & Address:	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch Room 101/301/401/102/202/302/402/502/602/702/802, No. 7-2, Caipin Road, Huangpu District, Guangzhou, Guangdong, China
Date of Tests:	01 April, 2024 to 19 Aug., 2024
Test Report Number(s):	240401106GZU-001: 19 Aug., 2024

Signature

Name: Amy Ao
Position: Sr. Supervisor
Date: 19 Aug., 2024

One Test, Global Acceptance
Recognized by 50+ Member States
A "Fast-Track" for Local Certification Applications Worldwide

Proving Product Safety, Reliability, and Stable Compatibility
A Mandatory Certification for Entering the EU Market
Recognized by 27 European Member States, with Indirect Recognition in Numerous Other Countries.

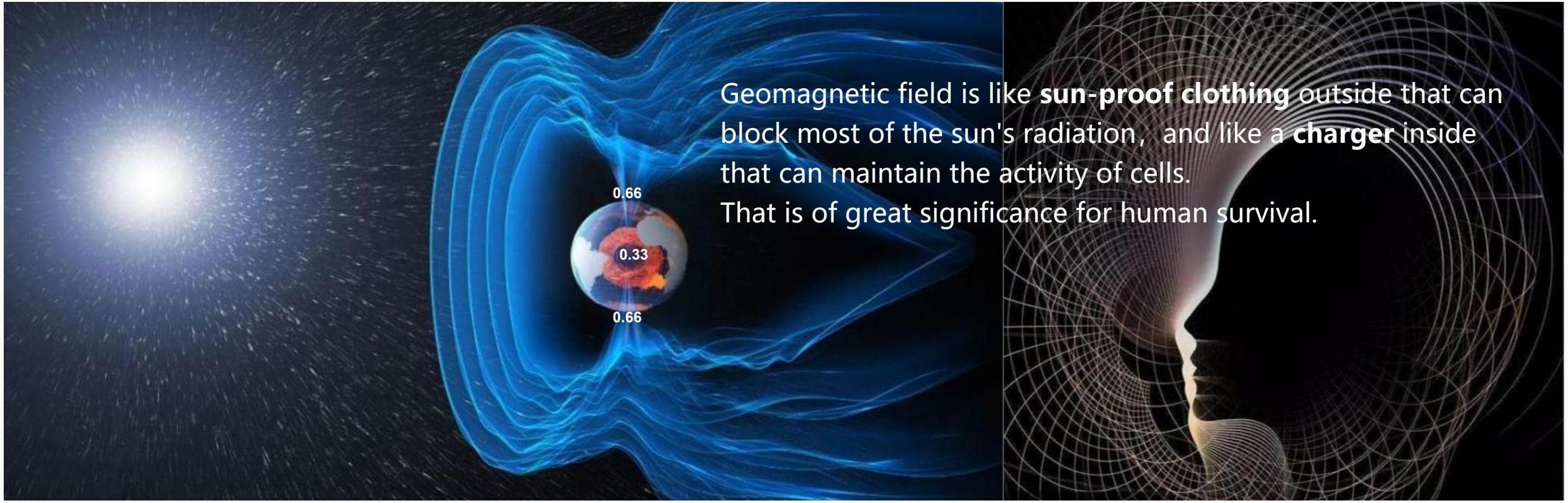
Cover more than **150 countries** and regions **1000,000+ units**have been sold Over **100 million** users

Pulse electromagnetic field therapy (PEMF)

PEMF——Space science and technology

In 1969, NASA developed a treatment method to maintain the physical health of astronauts. This method is PEMF therapy, which can reduce bone loss and muscle atrophy in astronauts.

What exactly is the geomagnetic field?

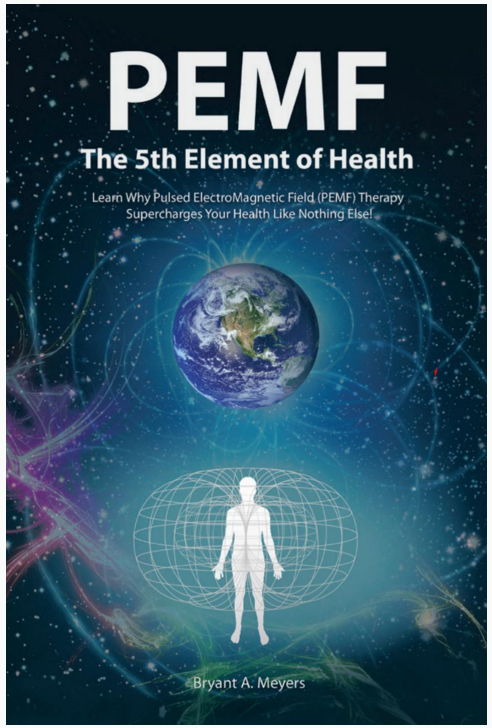


Geomagnetic field is like **sun-proof clothing** outside that can block most of the sun's radiation，and like a **charger** inside that can maintain the activity of cells.
That is of great significance for human survival.

External electromagnetic fields influence the bioelectrical activity of human cells.When cells are exposed to an electromagnetic field, their internal ion channels and other structures are affected by electromagnetic induction, causing changes in ion movement and distribution, thereby regulating cell activity.

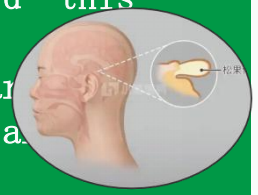
Reference Sources of Geomagnetic Data

《PEMF -The Fifth Element of Health》-- Bryant A Meyers



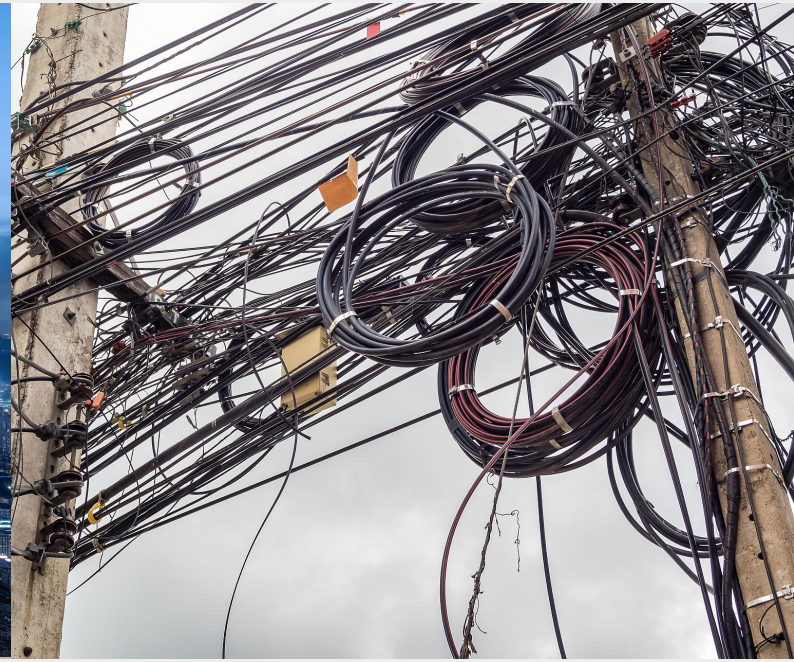
Humans and nature are interconnected, and nature exerts an influence on human health. (Body - Mind - Earth)

The Earth has a geomagnetic field. Organisms contain biogenic magnetite (mostly concentrated in the pineal gland of the human brain), which can interact with the geomagnetic field—this interaction has a positive impact on human health.
The geomagnetic field also shields the Earth from har radiation, solar wind, solar eruptions, and solar fla originating from the Sun.



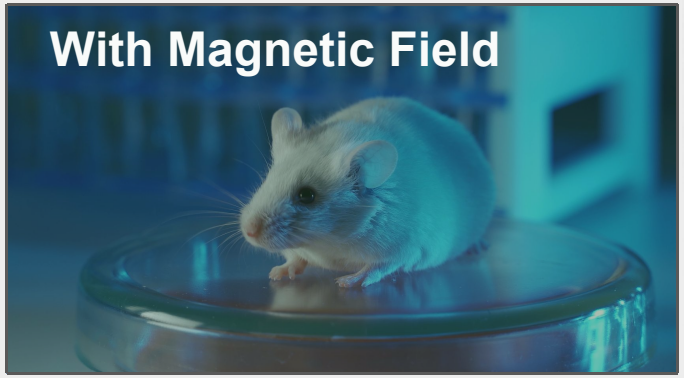
The intensity of the Earth's geomagnetic field has been continuously and gradually decreasing. Over the past 300 years, the Earth's magnetic field has declined by 50%.

The geomagnetic field is weakening gradually

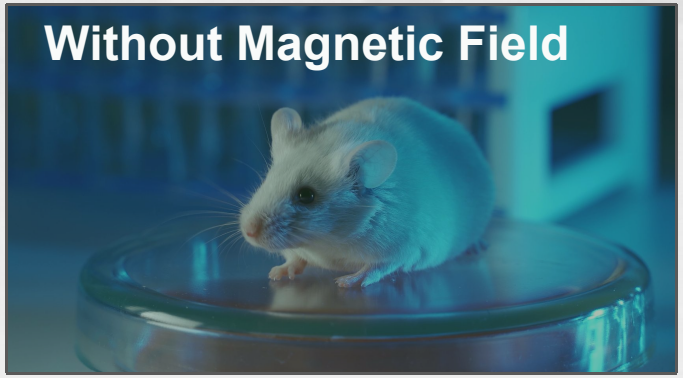


In the past 300 years, the strength of the geomagnetic field has decreased by **50%**.
Moreover, modern people live in strong houses made of reinforced concrete, travel by metal vehicles, and there are dense power lines,etc. All of these will shield the magnetic field, causing our body to feel less and less magnetic field.
The decreasing magnetic field will have adverse effects on cell activity, blood circulation, metabolism and overall health.

NASA's Mouse Experiment



All indicators normal

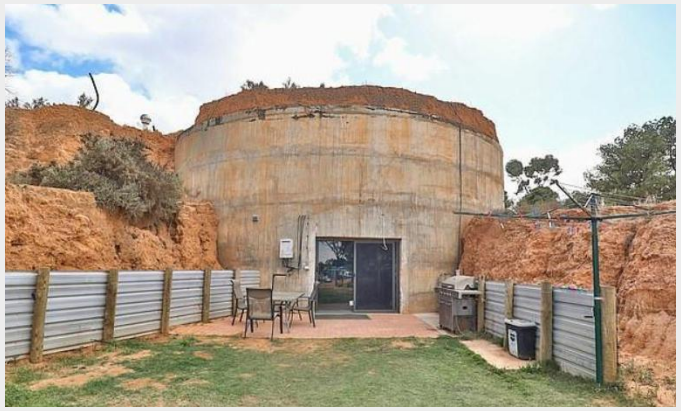


Inactive; Premature agingNearly 14% of the adult mouse colony experienced gradual hair lossMany mice died by the sixth monthThe average lifespan decreased by 40%, which is equivalent to human lifespan reducing from 70 to 40 years of age.

External electromagnetic fields influence the bioelectrical activity of human cells.When cells are exposed to an electromagnetic field, their internal ion channels and other structures are affected by electromagnetic induction, causing changes in ion movement and distribution, thereby regulating cell activity.

Affected by the weakening of the magnetic field, the human body may undergo changes in physiological and biochemical properties, leading to abnormal growth of cell nuclei, alterations in the morphology and function of internal organs, infertility, and even premature death

Dr. Rutger Wever Underground Shelter Experiment

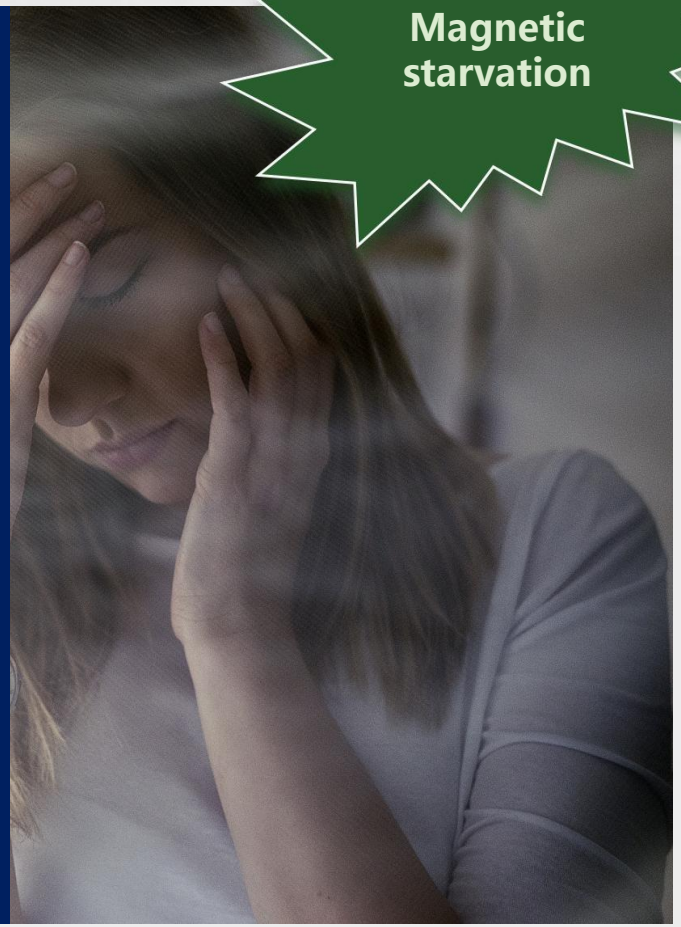


Dr. Rutger Wever built an underground bunker in the early 1960s. For 30 years, he conducted experiments on student volunteers who had to stay in the bunker for several weeks each time, completely unaffected by the geomagnetic field.

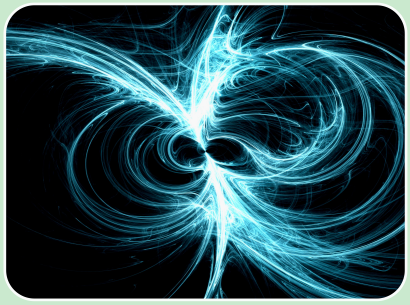
Dr. Wever found in his research that when the magnetic field in the bunker was filtered out, the physical and mental health of the students was greatly challenged. They began to have **circadian rhythm disorders, couldn't sleep, headaches, emotional instability, restlessness, depression** and so on. But when the PEMF transmitter in the bunker was turned on or leaving the bunker, these problems were quickly resolved.

Problems caused by long-term magnetism shortage to human body

- Dizziness and headache
- Weakness
- Palpitation
- Unstable blood pressure
- Joint pain
- Indigestion/constipation
- Emotional instability
- Endocrine disorders
- Memory loss
- Tinnitus, etc



What is Pulsed Electromagnetic Field (PEMF) Therapy?



The full name of PEMF technology is Pulsed Electromagnetic Field technology. It is a biophysical therapy that **simulates the Earth's natural magnetic field**, **using the energy of pulsed electromagnetic fields to improve cellular metabolism and bodily circulation**, thereby treating the human body or promoting health.。

PEMF technology is widely applied in many medical fields, **such as orthopedics, rehabilitation medicine, neurology, cardiology and cerebrovascular medicine, dermatology,** etc. It is not only used for health maintenance by health-conscious individuals but also extensively adopted by world-class athletes and Olympic athletes to enhance endurance, restore physical fitness, and more.。

When cells are exposed to an electromagnetic field, their internal ion channels and other structures are affected by electromagnetic induction, resulting in changes in ion movement and distribution, which in turn regulates cell activity

Scientific research on PEMF

PEMF promotes **repair and regeneration of damaged tissues**

PEMF treats osteoporosis

PEMF **treats nervous system diseases** (cerebral apoplexy and Parkinson, etc.)

PEMF **treats eye diseases** (Repair eye tissue damage)

PEMF treats osteoarthritis

PEMF **repairs bone loss** (promotes regeneration and integration of bone cells)

PEMF **treats hair loss** (promotes follicular cell regeneration)

PEMF **treats diabetic complications**

PEMF **improves microcirculation** (enlarges micro and small arteries)

PEMF promotes revascularization

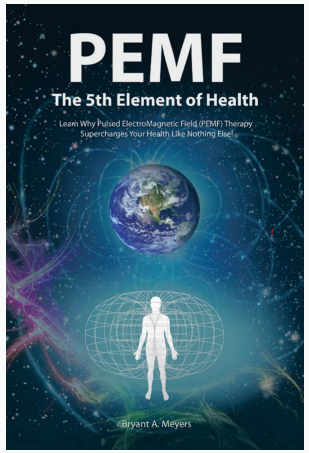
PEMF prevents and treats cardiovascular and cerebrovascular diseases

PEMF **promotes cancer cell inactivity and necrosis**

The Effects of PEMF Technology Based on the Earth's Geomagnetic Field on the Human Body

6 PEMF – The Whole Body Battery Recharger

Life is driven by nothing else but electrons.
— Albert Szent-Gyorgi (Nobel Prize Winner)



Charging Human Cells

增加跨膜電位（TMP），促進離子跨膜活動

創造健康的電穿孔水準

電穿孔可以理解為細胞開口，改善營養運輸和排泄。

增加線粒體中 ATP的產生

促進骨細胞再生育修復，讓骨骼更強壯

增強線粒體中產生能量所需的基本要素，如增強鈉鉀泵。

"PEMF therapy cannot directly cure diseases; its true function is to activate the body's own natural repair process. The human body has the ability to self-repair, self-regulate, and self-regenerate. As long as it receives the appropriate energy and elements needed to sustain life, the body possesses the ability to heal naturally.

提高細胞pH值，使細胞和身體呈鹼性

促進產生內啡肽以止痛

低 pH 時細胞電壓會降低，從而導致疾病和癌症（疾病多在酸性環境中發生）

改善細胞對氧氣的吸收和同化

改善睡眠

打開肺泡，從而提高氧氣的吸收和利用率；PEMF有助於氧氣與血紅蛋白的結合。

促進分泌褪黑素和生長激素

降低血液粘度，改善血液迴圈和微循環

提高免疫力

降低血液的黏連效應，即魯勒效應。

提高PH值，不適合微生物生存 / 淋巴細胞增殖

神經和組織再生

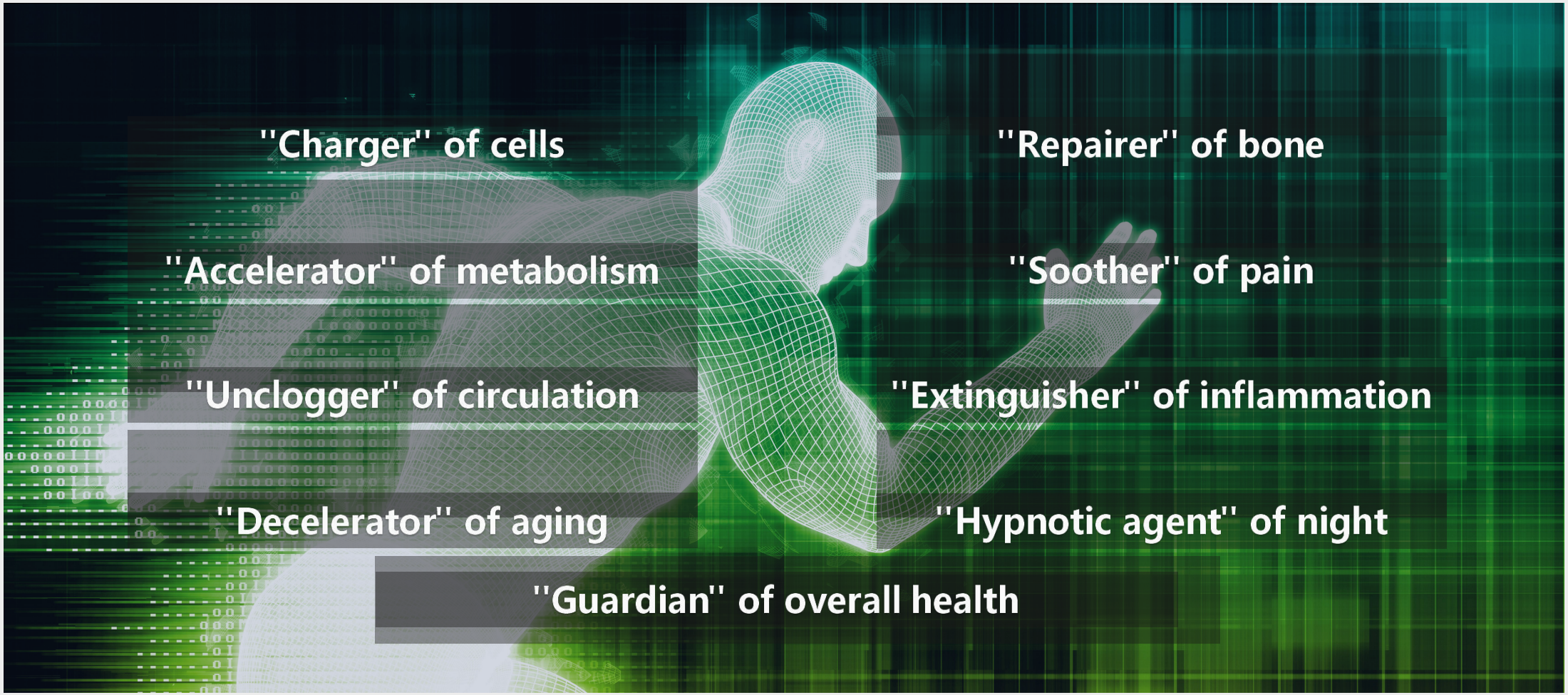
放鬆與減壓

促進神經細胞表面的受體蛋白與神經生長因數結合，從而促進再生。

進入副交感神經模式、降低皮質醇水準

《PEMF -The Fifth Element of Health》-- Bryant A Meyers

Effect of PEMF



P90 THz Smart Physical Instrument

Dual energy
Double effect

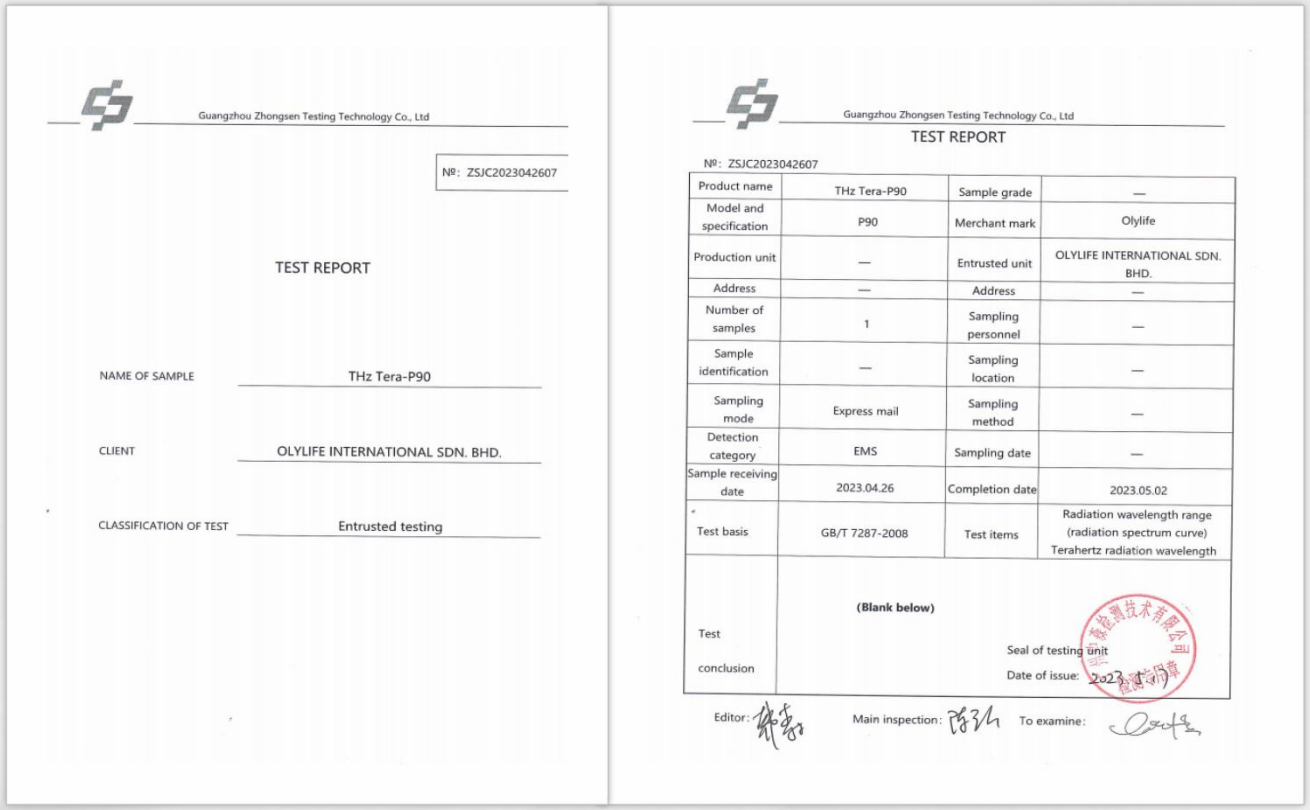
PEMF

- Biomimetic principles simulate the Earth's magnetic field
- 1Mhz high-intensity energy
- Enhance the power of cells

TeraHertz wave

- Resonance with human cells at the same frequency
- Can penetrate human skin by 3-5cm
- Safe and harmless

P90 Terahertz Light Wave Detection Report



Guangzhou Zhongsen Testing Technology Co., Ltd

№: ZSJC2023042607

TEST REPORT

NAME OF SAMPLE THz Tera-P90

CLIENT OLYLIFE INTERNATIONAL SDN. BHD.

CLASSIFICATION OF TEST Entrusted testing

Guangzhou Zhongsen Testing Technology Co., Ltd

TEST REPORT

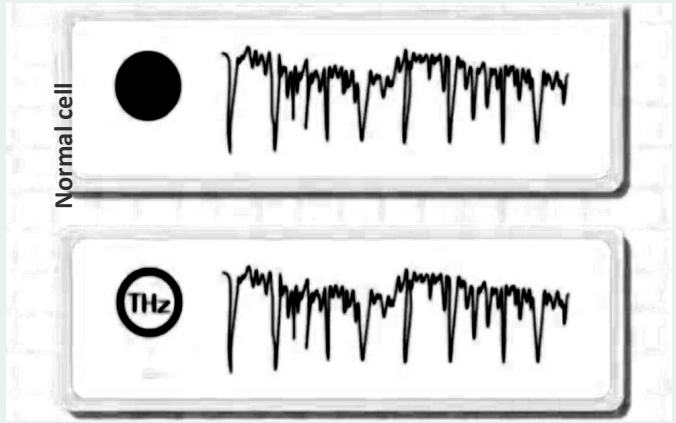
№: ZSJC2023042607

Product name	THz Tera-P90	Sample grade	—
Model and specification	P90	Merchant mark	Olylife
Production unit	—	Entrusted unit	OLYLIFE INTERNATIONAL SDN. BHD.
Address	—	Address	—
Number of samples	1	Sampling personnel	—
Sample identification	—	Sampling location	—
Sampling mode	Express mail	Sampling method	—
Detection category	EMS	Sampling date	—
Sample receiving date	2023.04.26	Completion date	2023.05.02
Test basis	GB/T 7287-2008	Test items	Radiation wavelength range (radiation spectrum curve) Terahertz radiation wavelength
Test conclusion	(Blank below) Seal of testing unit Date of issue: 2023		

Editor: Main inspection: To examine:

Terahertz light waves are electromagnetic waves with a frequency of 0.1–10 THz, corresponding to wavelengths of 30 μm to 3000 μm,which prevents damage to cellular DNA, earning them the designation as “cell-friendly electromagnetic waves.” At the cellular level, their mechanism of action is precise and gentle. The vibration frequency of terahertz waves matches the natural frequency of molecules within human cells—such as proteins and water molecules—enabling them to stimulate cellular activity, promote mitochondrial metabolism, enhance cellular energy output, and improve the state of fatigued cells.

Terahertz wave - one of top ten technologies that will change the future world



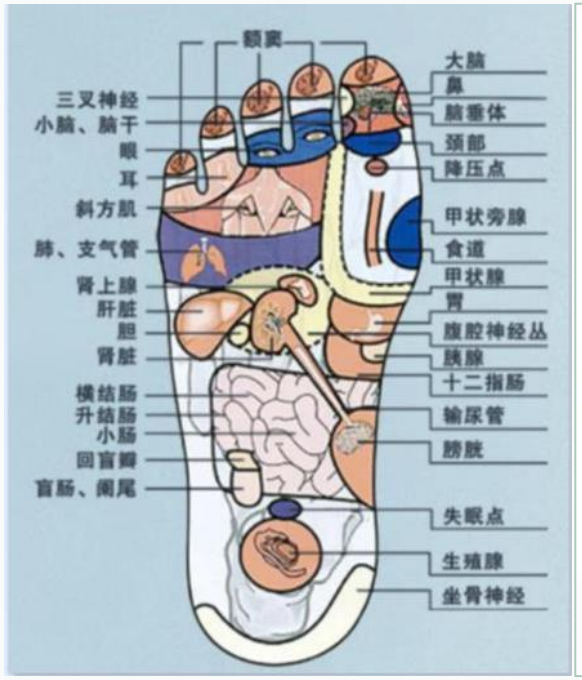
1. Penetrability
Can penetrate 3-5cm into the skin.

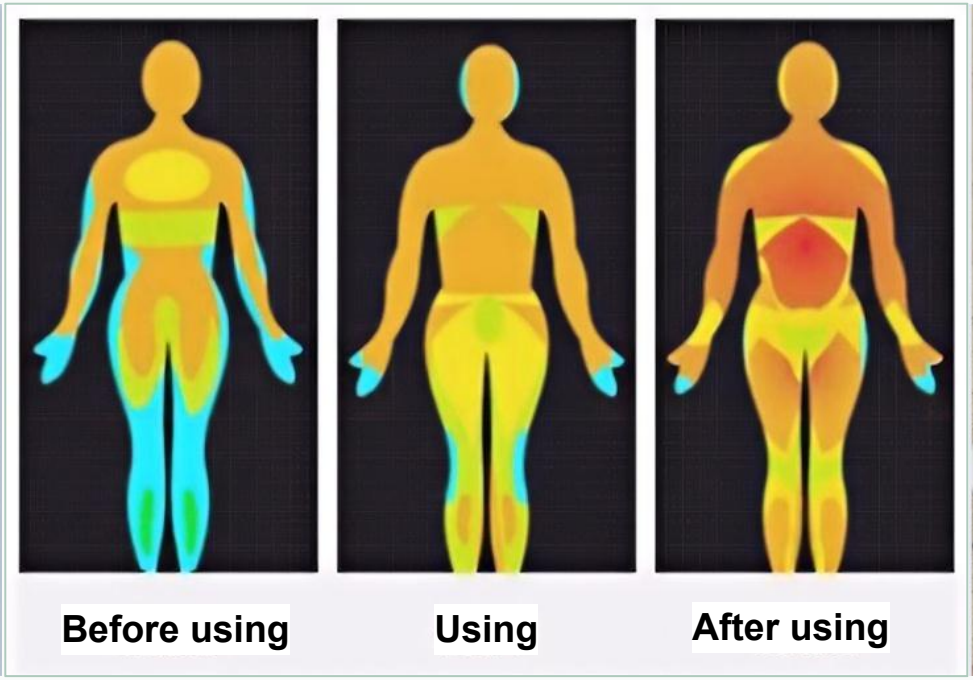
2. Resonance Resonate with macromolecules in human cells at the same frequency and output energy.

3.Safety
The radiation from the THz wave is only 1/40 of that of the sun.

Terahertz light waves are electromagnetic waves with frequencies ranging from 0.1 to 10 THz, corresponding to wavelengths of 30μm to 3000μm. At the cellular level, their mechanism of action is precise and gentle, capable of stimulating cell activity, promoting mitochondrial metabolism, enhancing cellular energy production, and improving the state of fatigued cells.

Starting from the Feet, Local to Systemic Effects





The foot possesses abundant capillaries and nerve endings.

When the human body is exposed to PEMF, it affects the electrical potential of the cell membrane, thereby modulating the ion channels of cells and influencing cellular metabolism and physiological functions. Specifically, ions within cells, such as sodium and potassium ions, undergo movement and redistribution under the influence of the electromagnetic field. This ion movement and redistribution alter the cell's electrical potential and physiological processes.

The Six Core Effects of P90

PEMF → Enhances cellular electrical energy

Terahertz Waves→ Energy Transmission

Induces body heat from within

1 Cell Activation

2 Microcirculation Improvement

3 Vascular Unblocking

4 Elimination of Body Waste and Toxins

5 Fat Burning and Body Shaping

6 Relief of Inflammation, Pain, and Fatigue

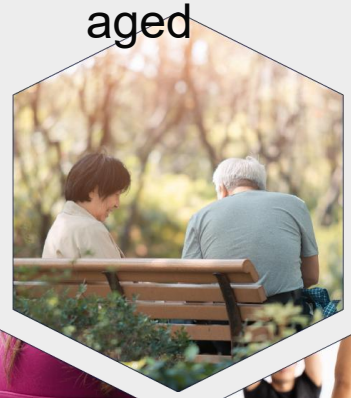
Target user

Daily health care

Relieve fatigue

Improve sleep

Improve health of the aged

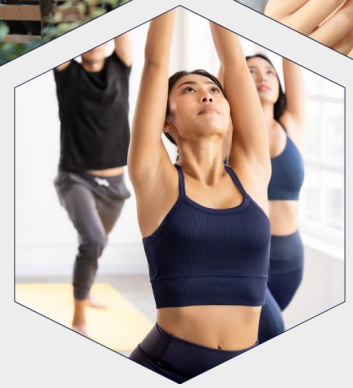


Enhance immunity

Improve sub-health

Warm up cold hands and feet

Control weight



Strengthen muscles

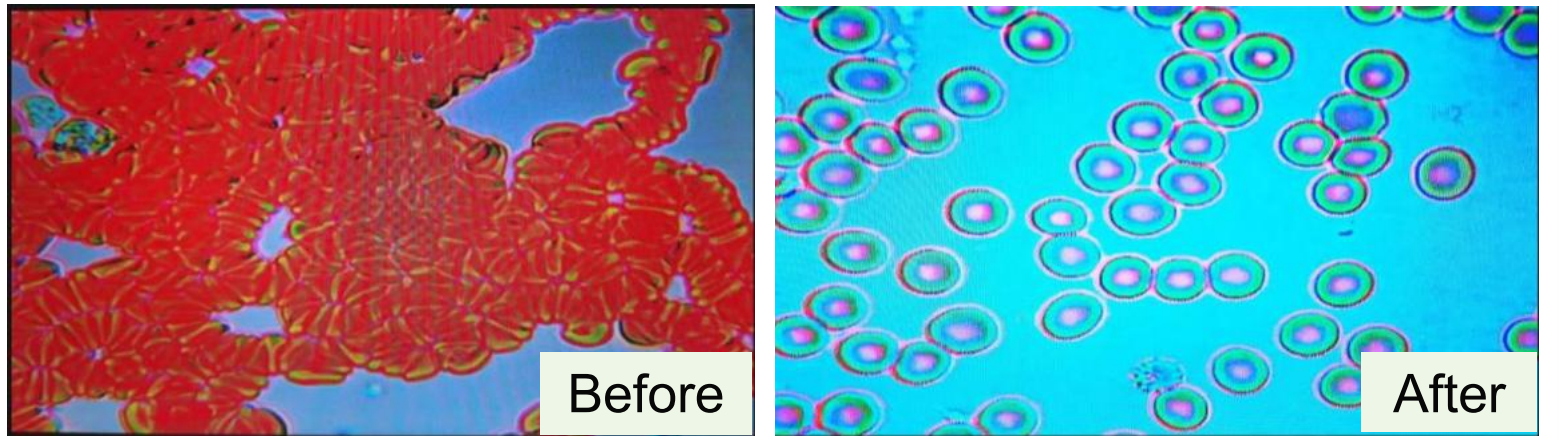
Ease joint pain and inflammation

Improvement in blood circulation

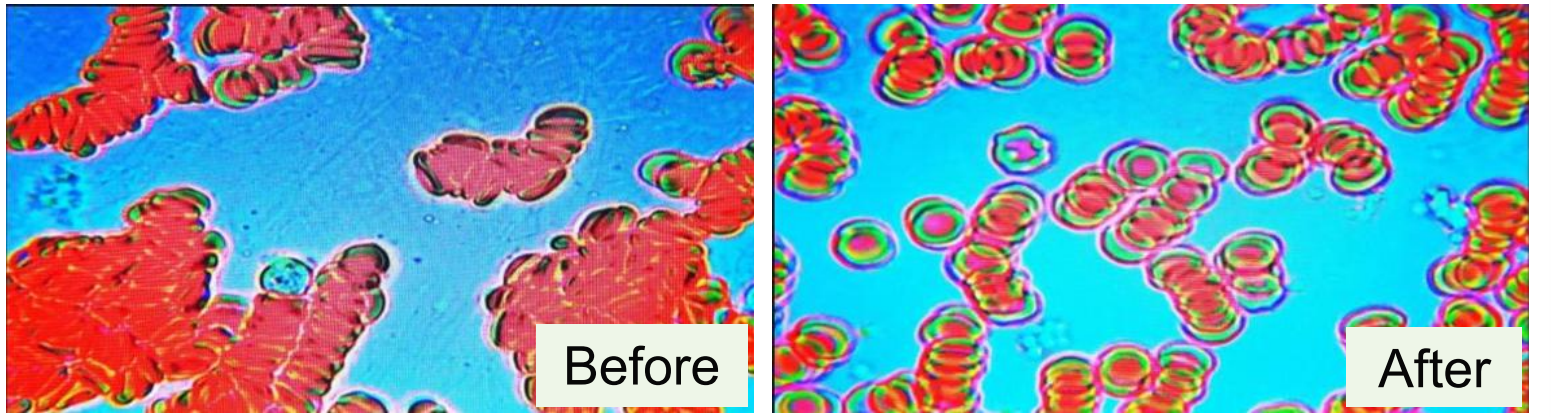
Only one session,with a 30-minute interval before and after use。

Red blood cells constitute the largest percentage of cells in the human body (approximately 84%), **with a staggering number of about 25 trillion**. They are small in size and are distributed throughout the body.

27-year-old man



45-year-old woman



Improvement in varicose veins: effect after using P90

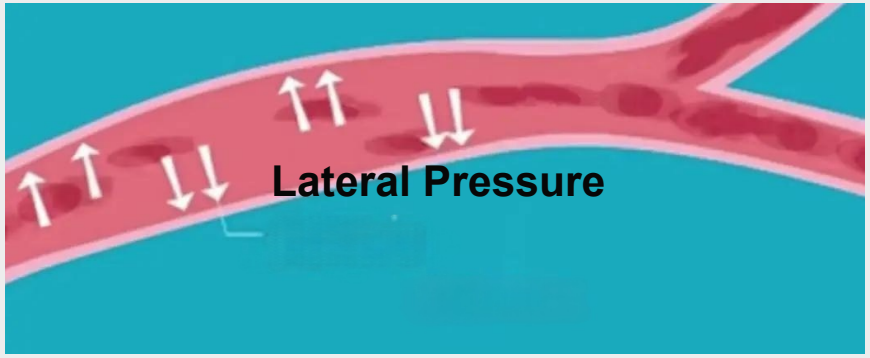
Improvement in sublingual vein congestion

Blood supply function（microcirculation） improvement

*Edema is caused by poor blood circulation or problems with the metabolism of some organs.

Improvement in leg and foot edema

Blood pressure improvement



- Not recommended for use when (blood pressure) ≥ 160 mmHg.

Blood glucose improvement

*PEMF can activate islet cells and increase insulin secretion.

The effect of hair growth

As long as you persist in using it, you will be pleasantly surprised!

Usage Precautions

1. Place the device on flat ground, connect the power, turn on the switch, then sit down and place your barefoot on the energy board to start working.

2. Start with low intensity first, then adjust the energy intensity according to your own tolerance.

3. Use for 20-30 minutes each time, no more than twice a day, and at least 4 hours apart each time.

4. Do not twist the body and click on the energy board by hand, but keep both feet still; otherwise, there will be a risk of burns.

Usage Scenario

Use on the sofa to relieve fatigue from a long day

Use at low intensity before bedtime to help enhance sleep quality

Use while working to improve work efficiency

Offer customers a trial to strengthen customer loyalty

P90 THz Smart Physical Instrument

Cover more than **150 countries** and regions

1000,000+ units have been sold

Over **100 million** users