



EDUCATIONAL CALL:

COVERING THE DIFFERENT FOOT CHARGE DEVICES ON THE MARKET

9/2/25 - 7:00 PM CST

+ Overview

To classify a device as Pulsed Electromagnetic Field (PEMF), it must meet specific technical and regulatory requirements. These include demonstrating that the device generates pulsed electromagnetic fields, providing sufficient evidence for its stated uses, and complying with the appropriate medical device classification and safety standards set by regulatory bodies like the U.S. Food and Drug Administration (FDA). [View](#)

Technical and performance requirements

For a device to be credibly classified as a PEMF device, it must meet several technical criteria. [View](#)

- **Pulsed electromagnetic fields:** The device must generate electromagnetic fields that are delivered in timed pulses rather than as a continuous wave.
- **Controllable parameters:** A quality PEMF device must have well-defined and controllable parameters for its magnetic field emissions. The therapeutic outcomes are affected by the device's specific characteristics:
 - **Intensity:** Measured in Gauss or Tesla, the intensity can be low, medium, or high, with different levels used for different applications.
 - **Frequency:** The rate of pulses, typically less than 100 Hz for deep tissue applications like bone healing.
 - **Waveforms:** The shape of the pulses, such as sine, square, or triangle, which influences the device's effects.

WHAT IS PEMF?

PEMF BY DEFINITION

[+ All Devices](#)

No, Pulsed Electromagnetic Field (PEMF) therapy does not require physical contact to work and is defined as a non-invasive treatment. A PEMF device works by generating a magnetic field that can penetrate the body and affect cells from a distance. While some devices are designed for close contact to maximize their effect, this is not a requirement for the therapy itself. <#>

Why PEMF does not require contact

- **Penetrating magnetic fields:** The magnetic fields created by PEMF devices pass through the body's tissues, including clothing, without physical contact. This is a core feature that distinguishes it from other therapies like TENS, which relies on direct electrical currents through electrodes on the skin.
- **Distance and intensity:** The strength of the electromagnetic field does decrease with distance from the applicator, so some devices or treatments may position the coils directly on or near the body to deliver a higher intensity to a targeted area. This is not due to a need for contact, but for power optimization.
- **Device design:** Some PEMF devices, such as full-body mats, are used by lying on or sitting near them, while others use local coils placed on or wrapped around a specific area. Both methods are valid PEMF-delivery systems, with the choice of device depending on the therapeutic goal. <#>

Example of non-contact use

In some applications, like the treatment of non-union bone fractures, PEMF coils are integrated into a brace or garment worn over clothing, allowing the electromagnetic field to stimulate the healing process from a short distance. <#>

Why direct skin contact is not required

The "magnetic field" component of PEMF therapy can penetrate clothing and other materials, which is what distinguishes it from electrical stimulation methods like TENS that require direct contact with the skin via electrodes. [➔](#)

- **Powerful devices:** High-intensity PEMF devices, similar to MRI machines, can effectively deliver a pulsed electromagnetic field to the body without direct contact.
- **Large area applications:** Some PEMF systems use full-body mats that a person can lie on fully clothed, which is considered "in contact with the body" even if not directly touching the skin. [➔](#)

Summary: PEMF vs. other therapies

Feature ➔	PEMF (Pulsed Electromagnetic Field)	Microcurrent or TENS (Electrical Stimulation)
Mechanism	Exerts pulsing magnetic fields that penetrate the body.	Delivers gentle electrical current directly to the body.
Contact required?	Physical contact with the body (through clothing or directly on skin) is common to maximize effect, but direct skin-to-device contact is not required.	Requires direct skin contact via electrodes to deliver the electrical current.
Effect	Works on cells and tissues by creating an electromagnetic field.	The electrical current primarily works on nerves and muscles.

PEMF
DOES NOT
REQUIRE
DIRECT
CONTACT

There is no single frequency that classifies a device as a PEMF device, as they are defined by their use of pulsed electromagnetic fields across a wide range of frequencies. Instead, PEMF devices are categorized by the range of frequencies they deliver, with different frequency ranges targeting different therapeutic applications. <#>

Frequency categories for PEMF devices

PEMF devices fall into the following general categories based on their frequency output: <#>

- **Extremely Low Frequencies (ELF):** Generally considered to be in the range of 1 to 100 Hz, with some devices operating as low as 0.5 Hz. These low frequencies are believed to stimulate cellular activity and mimic natural biological frequencies, such as the Schumann resonance of approximately 7.83 Hz.
- **High Frequencies:** Some therapeutic PEMF devices use frequencies that extend into the radiofrequency range, from around 10 MHz up to 900 MHz. These are typically paired with very low intensity to avoid heating the tissues. <#>

Common frequency ranges and their uses

The most common therapeutic frequencies are found in the low-frequency range, with different subsets used for specific purposes: <#>

- **1-5 Hz:** Used for deep relaxation, stress reduction, and improving sleep.
- **5-15 Hz:** Used for nerve regeneration, pain relief, and reducing depression and anxiety.
- **15-30 Hz:** Associated with enhanced blood circulation and muscle relaxation.
- **30-50 Hz:** Used for bone healing and tissue repair. <#>

PEMF
WHAT
ARE THE
FREQUENCIES?

SO WHAT ABOUT ALL THE
DEVICES ON THE
MARKET?

OlyLife THz Tera-P90

INTRODUCTION

OlyLife THz Tera-P90 is a device designed to harness the power of bioelectromagnetic therapy to support cellular functions and promote general wellness. The OlyLife THz Tera-P90 stands out due to its unique combination of bioelectromagnetic and terahertz energy, each offering distinct yet complementary health benefits.

1. **Bioelectromagnetic Energy:** Operating at 1 MHz, this high-intensity energy transfer acts on various parts of the body, heating tissues from the inside out to promote metabolism. This mode facilitates cell-to-cell interaction and supports cellular functions, essentially functioning as a cellular charger that boosts energy. By mimicking the Earth's natural pulse-magnetism, bioelectromagnetic therapy helps maintain the body's electromagnetic field and revitalizes cellular activity.

2. **Terahertz Energy:** Utilizing a focused band of 3-3000µm, known as the "light of life," terahertz energy resonates synergistically with body molecules to improve microcirculation. Its impressive penetrating power reaches 4-5 cm under the skin, enhancing cellular interaction and improving overall tissue health.



PRODUCT FEATURES

- **1 MHz Electromagnetic Energy:** This high-frequency energy provides stronger penetrating power, delivering more energy for better effects.
- **Bioelectromagnetic Energy:** Through the energy plate, magnetic energy is efficiently transmitted throughout the body, ensuring a comprehensive experience.

OLYLIFE TERA P90 NO PEMF

1 MHz HIGHER THAN 1000 PPMF FOR DEEPER EFFECTS AND NO PEMF - 3000000 HERTZ 3000 MICRONS

THz Tera-P90+

INTRODUCTION

In the realm of advanced wellness technology, the Olylife THz Tera-P90+ stands as a beacon of innovation. This multifaceted device is meticulously crafted to cater to various aspects of your well-being, blending cutting-edge PEMF (Pulsed Electromagnetic Field) Integrated Technology seamlessly into its core. Comprising the main device, the Frost Age Beauty Device, and the Revitalize Massager, the P90+ is your all-in-one solution to wellness, relaxation and beauty.



PRODUCT FEATURES

- The world's first PEMF Integrated Technology
- 20-Level Intensity Control: ensures a personalized experience, adapting to individual impedance and energy perception.
- Upgraded foot pedal design: suitable for individuals up to shoe size 47
- Infrared remote control: wireless is more convenient
- Upgraded safety: with fuse protection
- Additional dual-handle Frost Age Beauty Device and Revitalize Massager

OLYLIFE TERA P90+ NO VERIFIABLE PEMF
REQUIRES DIRECT SKIN CONTACT

A specific Facebook page promoting the CyLife TERA PRO device claims it is protected by 188 patents related to its PEMF and Senhera microchips. However, reliable, independent sources that verify this claim could not be found. In fact, many users on public forums like [Reddit](#) allege that CyLife operates as a multi-level marketing (MLM) scam. [\[2\]](#)

Here is an overview of the situation regarding the patent claims:

- **Company promotion:** The Facebook page "CyLife TERA PRO Frey Testimonials" asserts that the device is "Patented" and has "188 Patents for PEMF and Senhera microchips from different countries".
- **Verification difficulties:** No public or independent records could be located that validate the claim of 188 patents covering CyLife's technology. Reputable patent search engines do not show results matching this quantity or specific claim by the company.
- **Contradictory reports:** User discussions on Reddit describe aggressive promotion tactics, inflated product claims, and allegations that the company is a multi-level marketing scheme. These reports further question the company's legitimacy and marketing claims.
- **Scientific consensus:** The technologies supposedly used in the Tera PRO, such as PEMF and Senhera waves, are subjects of ongoing research. While some studies explore their potential benefits, the kind of broad, sweeping health claims often associated with MLM devices are not substantiated by mainstream medical science. [\[3\]](#)

Conclusion

While CyLife and its distributors advertise their devices with claims of extensive patents, these statements cannot be independently verified through available public information. The context of these claims, including the company's MLM structure and a history of unproven medical assertions, raises significant questions about their credibility.

TRANSPARENCY
AND
VERIFIED
CLAIMS IS
IMPORTANT



OlyLife Tera
P90 PRICE:
\$1000 + \$100
SHIPPING



OlyLife

WWW.OLYLIFEINT.COM

NO VERIFICATION
OF PATENTS NOR PEMF
CLAIMS CAN BE PROVEN

Tera P90+
PRICE:
\$1300 + \$100
SHIPPING





FocusFlow

Exposure to the sound, light, and image therapy of FocusFlow creates a powerful, relaxing experience.



Greenfield Energy

Greenfield energy stimulates and regenerates.



Graphene Ray

Graphene ray helps provide relaxation and microcirculation.



Pulsed Electro-Magnetic Field (PEMF)

PEMF therapy uses electromagnetic induction and electrostatics to help restore cellular dysfunction and support circulation.

PRIFE ITERA BIO \$4800
NO VERIFIABLE INFORMATION ON TECHNOLOGY



ITERA BIO LITE
PRICE \$1450

3+1 Core Technologie



Terahertz

Experiences the comforting, soothing and integrating effect of Terahertz waves that provide an amazing experience.



Sinusoidal Energy

Sinusoidal energy improves and rejuvenates.



Graphene Ray

Graphene ray helps promote relaxation and relieve tension.



Pulsed Electro-Magnetic Field (PEMF)

PEMF therapy uses technology to stimulate and exercise cells to help resolve cellular dysfunction and support overall wellness.

NO VERIFIABLE
EVIDENCE THAT

ON
FREQUENCIES

OR
TECHNOLOGIES

REQUIRES
BEST CONTACT
WHICH IS IN
OPPOSITION
TO THE PEMF
REQUIREMENTS



LIFEPHARM
CELLENERGY
FOOT DEVICE
HYBRID PEMF/TENS
TECHNOLOGY
AND VERIFIED
PEMF FREQUENCIES

PRICE \$400

Cellwave™ Technology is a clinically engineered therapy delivered by CellPhor's patented, disposable electrode through a combination of:

- Pulsed™/continuous neuromuscular stimulation
- Tensile Neuromuscular Stimulation
- Intelligent muscle activation

The system is designed to promote circulation, neuromuscularity, and reduce atrophy/denervation, especially in aging or sedentary individuals.

CLINICAL INDICATIONS

Cellwave™ Neuromuscular Stimulation

Cellwave™ Neuromuscular Stimulation's proprietary biphasic electrical therapy, delivering low frequency electrical currents, promotes the electrical muscle recruitment ability, reduces muscle atrophy/denervation, promotes muscle strength/proprioception signaling.

- Activate atrophic/denervated muscles
- Increase neuromuscular plasticity
- Stimulate proprioceptive feedback and reflex arc
- Reduce atrophy/denervation/denervation

Frequency range 1-100 Hz (with 100-400 Hz burst modulation) delivers electrical

Cellwave™ Neuromuscular Stimulation

Cellwave™ Neuromuscular Stimulation's proprietary electrical stimulation and current of 100-400 Hz, delivers neuromuscular stimulation.

- Enhance neuromuscular neuromuscular function
- Increase neuromuscular plasticity
- Reduce neuromuscular denervation/denervation

Cellwave™ Neuromuscular Stimulation's electrical stimulation of 100-400 Hz, delivers neuromuscular stimulation and neuromuscular stimulation in the muscle.

6 Targeted Modes. One Goal: Wellness.

Cellwave™ Neuromuscular Stimulation is now powered by Cellwave™ Neuromuscular Stimulation, you can choose with 6 targeted modes, 6 intensity levels, and 6 neuromuscular stimulation modes (muscle, circulation, and body wellness).

EXHIBIT: TARGETS & SPECIFIC BENEFITS

	Muscle Strength Improves muscle strength and endurance, reduces fatigue.		Muscle Circulation Improves blood flow, reduces swelling, improves circulation.		Muscle Body Wellness Improves body wellness, reduces fatigue, improves circulation.
	Muscle Strength Improves muscle strength and endurance, reduces fatigue.		Muscle Circulation Improves blood flow, reduces swelling, improves circulation.		Muscle Body Wellness Improves body wellness, reduces fatigue, improves circulation.

Cellwave™ Neuromuscular Stimulation is now powered by Cellwave™ Neuromuscular Stimulation, you can choose with 6 targeted modes, 6 intensity levels, and 6 neuromuscular stimulation modes (muscle, circulation, and body wellness).

6 SPECIFIC TARGETED MODES AND 10 DIFFERENT INTENSITY LEVELS IN HYBRID PEMF/TENS TECHNOLOGY CALLED CELLWAVE

VERIFIABLE FREQUENCIES AND INTENSITIES

SO IF A DEVICE DOESN'T HAVE
PEMF IS IT USELESS?

NO!





ALL WE'RE HERE TO DO IS HIGHLIGHT THE
**DIFFERENCES AND ALLOW
YOU TO MAKE THE BEST
DECISION FOR YOU**
AND THOSE YOUR REFER TO THE DEVICES.

**NO ONE DEVICE IS
"BETTER" THAN THE OTHER
EACH JUST HAS IT'S OWN
ADVANTAGES AND DISADVANTAGES
(INCLUDING COMPANY TRANSPARENCY
AND VERIFIED CLAIMS)**



LIFE PHARM®



BY UTILIZING
YOUR OWN STEM
CELLS AND FGF-2
WE CAN NOT ONLY
SUPPORT THE BODY WITH
FREQUENCY
DEVICES, BUT ALSO
TURN ON YOUR OWN
**CAPACITY TO
REGENERATE**

WE CAN
SUPPORT
YOU
INSIDE
AND OUT
WITH
STEM CELL
TECHNOLOGY



AND
MAKE ANY
FREQUENCY
DEVICE
YOU HAVE
WORK
BETTER