

05 PRODUCT PARAMETERS

Model	HD-Cure Max
Laser wavelength	650nm±20nm/808nm±20nm 940nm±20nm/1064nm±20nm
Number of laser diodes	8*650nm+5*808nm 2*1064nm+5*940nm
Maximum output power per 808nm laser diode	100mW±20%
Maximum output power per 940nm laser diode	100mW±20%
Maximum output power per 650nm laser diode	5mW±20%
Maximum output power per 1064nm laser diode	15mW±20%
Total laser power	1600mW
Time setting	10 minutes
Battery capacity	2600mAh
Battery voltage	DC3.7V
Input power	≤10VA
Environmental temperature	5°C~40°C
Relativehumidity	≤80%
Atmospheric pressure	860hpa-1060hpa
Voltage	100-240V



Contact us

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MAGIC LASER THERAPY DEVICE

HD-Cure Max



Help your health, Light your life



01 GENERAL INTRODUCTION

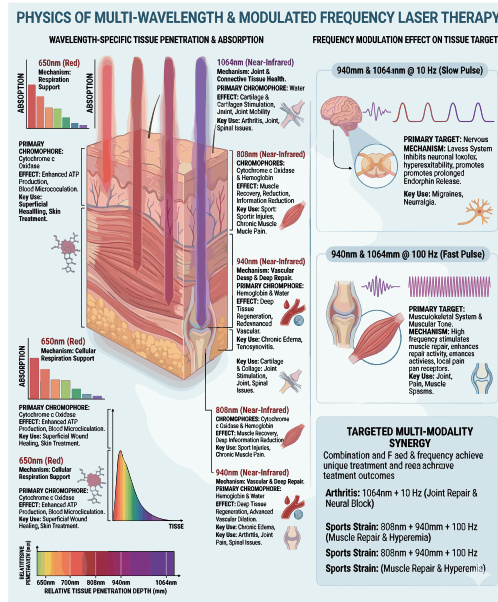
Laser therapy delivers non-thermal photons of light to the body for about 3-8 minutes by injured cells. The cells are then stimulated and respond with a higher rate of metabolism. This results in relief from pain, better circulation, anti-inflammation, and acceleration of the healing process.

Our Magic Handheld Laser Therapy Device features advanced 4-in-1 laser technology, combining four clinically proven wavelengths: 650nm, 808nm, 940nm, and 1064nm. This powerful combination provides a comprehensive treatment spectrum, making it versatile for various therapeutic needs. Whether for superficial skin rejuvenation, joint pain, or deep muscle therapy, this device is designed to deliver targeted relief and accelerate tissue repair, offering a holistic solution for both acute and chronic conditions.

Results vary from patient to patient and most are enjoying life again within a few weeks. The result of low intensity laser irradiation is the restoration of normal function of the cell unit.

02 TREATMENT PRINCIPLE

Low-level Laser Therapy (LLLT), also known as Photobiomodulation (PBM), utilizes specific wavelengths of light to interact with biological tissues at a cellular level. When laser light reaches the cells, different wavelengths serve different therapeutic purposes based on their ability to penetrate tissue and their target "chromophores" (light-absorbing molecules).



650nm: Surface & Blood Activation

It is primarily used to improve blood viscosity, enhance oxygen delivery, and treat skin-level wound healing or acupuncture points.

808nm: The "Golden Standard" for Deep Tissue

It has a high penetration rate through skin and bone, reaching deep-seated muscles, tendons, and joints. It is the most effective wavelength for treating chronic joint pain and deep inflammation.

940nm & 1064nm: The High-Penetration Frontier

940nm: It is particularly effective at targeting water and hemoglobin simultaneously, facilitating better thermal effects and metabolic stimulation in deeper soft tissues.
1064nm: This wavelength has the lowest scattering rate, allowing it to travel deeper into the body than almost any other therapeutic laser. It targets deep-seated structural issues and provides a potent analgesic (pain-killing) effect by impacting nerve transmission.

The Power of Pulsed Output (10Hz & 100Hz)

While continuous wave (CW) laser provides a constant flow of energy, Pulsed Laser Therapy introduces "off" times that prevent thermal buildup and trigger specific biological responses.

10Hz (Low Frequency): Generally used for chronic conditions and deep tissue stimulation.

100Hz (High Frequency): Targeted at acute pain and superficial inflammation.

03 THERAPY APPLICATION

- Pain relief
- Knee arthritis
- Joints and bones injuries
- Soft tissue injuries
- Athletics system injuries
- Sports injuries & Sprain
- Wounds & Ulcer
- acupuncture
- Anti-inflammation



04 MAIN STRUCTURE



Three Working mode:

Daily Recovery Mode: 650nm+808nm

Deep Recovery Mode:

650nm+808nm+940nm(100Hz)+1064nm(10Hz)

Acute Pain Recovery Mode:

650nm+808nm+940nm(10Hz)+1064nm(100Hz)