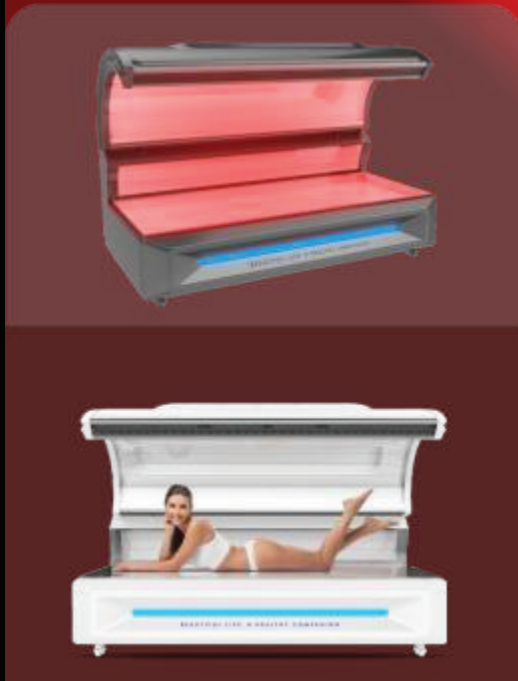


LED Light Therapy Bed



How does PBM equipment work?

Red light therapy works by stimulating the cells in your body to produce more energy. This increased energy production can help reduce inflammation, improve circulation, and promote healing. In addition, red light therapy is also thought to stimulate the release of endorphins, natural pain-relieving substances.

Chiropractic care may use Light therapy as a pain management plan. As stated previously, our expert will use this tactic to relieve pain, improve range of motion, reduce inflammation, and reduce pain. In addition, chiropractors who offer red light therapy may use it to treat various conditions.

In chiropractor care, red light therapy is called photobiomodulation therapy (PBMT) or low-level light therapy (LLLT). PBMT uses a specific wavelength of light to target mitochondria in your cells. This energy stimulation helps treat pain. LLLT uses a different wavelength to target damaged tissue.

Feature

- 👉 Luxury Front Panel With Brand Shield and Ambient Flow Light,
- 👉 Unique Extra Side Cabin Design,
- 👉 UK Lucite® Acrylic Sheet, Up to 99% Light Transmittance,
- 👉 Patented Technology Wide-Lamp-Board Heat Dissipation Scheme,
- 👉 Patented Independent Separate Fresh Air Duct System,
- 👉 Constant Current Source Scheme,
- 👉 Wireless Tablet Control System,
- 👉 Independent Wavelengths Control Available,
- 👉 0-100% Duty Cycle Adjustable System,
- 👉 0-10000Hz Pulse Adjustable System,
- 👉 Efficient 3 Groups of Standard Light Source Combination Solutions Optional.

Specification

MODEL	M6N	M6N pro
LED quantity	18720 PCS	41600 PCS
POWER SUPPLY	220V, 20amp	220V, 30amp
Total power	3500W	6500W
Irradiance	100mw/cm2	129mw/cm2
WAVELENGTH (NM)	630 : 660 : 810 : 850 : 940	630 : 660 : 810 : 850 : 940
Continuous or Pulse setting	0-10000Hz	
Independent control of wavelengths & frequency	Yes	
USED FOR	Signs of aging, such as wrinkles Wounds Scars Sun damage Psoriasis Acne Weight and cellulite Pain	Pain Inflammation Injuries and sore muscles Cold sores Symptoms associated with certain conditions, such as rheumatoid arthritis, osteoarthritis, and carpal tunnel syndrome Weight and cellulite Brain concerns, including physical trauma, neurodegenerative diseases, and mental health disorders
DIMENSIONS (L*W*H)	2275mm*1235mm*1125mm / Tunnel Height: 420mm 89.7*48.8*44.5 inch, 16.6inch	
WEIGHT LIMIT	300kg(660lbs)	
NET WEIGHT	350kg(770lbs)	
OEM&ODM	Wavelength, Private Logo, appearance design of bed, program, software etc	

PBMT Treatment Plans

Photobiomodulation therapy is a dose-dependent treatment; multiple treatments will be necessary to achieve your desired sustained results. Your treatment plan will be tailored to you and something you work on with your wellness or fitness center staff. Programs generally take the following shape, however:

3 sessions per week for 2 weeks

2 sessions per week until outcomes are achieved

1 session per week to maintain results

Using Red Light for Specific Conditions

General skin care and anti-aging therapy

If you are using red light therapy to improve your skin tone, minimize the visible signs of aging, and heal sun damage, you can expect to undergo red light therapy in 10- to 20-minute sessions, 3 to 5 times each week for one to four months.

Red light therapy increases the production and density of collagen, which is a protein that serves as a main building block for skin, hair, muscles, and connective tissue. Collagen also provides the elasticity that keeps skin from sagging. Improving production and density of collagen with red light therapy eliminates fine lines and wrinkles, and clears up other skin issues. Early red light therapy improves the tone and overall health of skin; maintenance therapy using shorter and less frequent red light therapy sessions ensures long-lasting results.

Muscle healing

Exercise can cause sore muscles, especially if you are not used to working out. Lifting something heavy or performing high-intensity activities can cause microscopic tears in your muscles. When your muscles repair themselves, they get larger and stronger. In some cases, though, serious muscle injury can occur after excessively strenuous exercise.

Using red light therapy immediately before exercise can precondition your muscles and prevent significant injury. You can also bathe your muscles in red light for 10 to 20 minutes after exercising to accelerate recovery. Using a maintenance program of light therapy before and after routine exercise can optimize the effects of your workout.

Arthritis and joint pain

A 15-minute red light therapy session twice a day can help alleviate joint pain and arthritis. Depending on the level of your pain, you may continue with twice daily sessions to treat severe chronic pain or undergo shorter, less frequent sessions for minor pain.

Chronic skin disorders

Red light therapy can treat rosacea, psoriasis, eczema, acne, and other chronic skin conditions. The treatment can also reduce the appearance of skin wounds, stretch marks, and mild scars. Sessions should last 10 to 20 minutes, occur three to five times a week, and continue for one to four months. Maintenance programs can help keep chronic skin conditions and deeper scars under control.

Advantages of High Power Device

Absorption into certain kinds of tissue (most notably, the tissue where a lot of water is present) can interfere with light photons passing through, and result in shallower tissue penetration.

This means ample light photons are required to ensure that the maximum amount of light reaches the targeted tissue — and that requires a light therapy device with more power.

Advantages of 660+850

As the two lights move through the tissue, both wavelengths will work together up to about 4 mm. After that, the 660 nm wavelengths are extinguished while the 850 nm wavelengths continue into slightly greater absorption depth more than 5 mm before extinguishing.

This two-wavelength combination will help reduce the loss of energy that occurs as light photons pass through the body — and when you add longer wavelengths to the mix, you exponentially increase the number of light photons interacting with your cells.

Advantages of 633+660+810+850+940

As the light photons enter the skin, all five wavelengths interact with the tissues they pass through. It's very "bright" in the irradiated area, and this five-wavelength combination has a significant impact on the cells in the treatment area.

Some of the light photons scatter and change direction, creating a "net" effect in the treatment area in which all wavelengths are active. This net effect receives the light energy of five different wavelengths.

The net will also be bigger when you use a larger light therapy device; but for now, we'll stay focused on how the individual light photons behave in the body.

While the light energy does indeed dissipate as the light photons pass through the body, these distinct wavelengths work together to "saturate" the cells with more light energy.

This spectral output results in an unprecedented synergy that ensures each layer of tissue — within the skin and below the skin — receives the maximum light energy possible.

633nm

- Reduced fine lines and wrinkles¹
- Improvement in chronic skin disorders²
- Collagen regrowth³

660nm

- Reduced inflammation⁵
- Reduced neuropathic pain⁶
- Accelerated wound healing
- Reduce fatigue and muscle damage⁴

810nm

- Improved recovery from traumatic brain injury⁹
- Improvement in psychiatric disorders¹⁰
- Neuroprotective effect¹¹
- Accelerated wound healing¹²
- Improved recovery from stroke in certain patients

850nm

- Enhanced muscle recovery¹³
- Accelerate healing of post-surgical conditions
- Fasten fat burning

940nm

- Improves the nerve damage regeneration process¹⁵
- Decreased inflammation¹⁶
- Suppress Herpes Simplex Virus¹⁷
- Improved bone formation¹⁸
- telangiectasias¹⁹

— Theoretical Supporting Literature for the Above Effects —

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