GMY, founded in 1998 with its headquarters in Jiangmen, Guangdong, China, is dedicated to the research and development, as well as the manufacturing of lighting technology applications. Through specialized lighting components and cutting-edge technology, GMY provides solutions for advanced manufacturing, infection control and disinfection, medical health, environmental purification, livestock farming, and facility agriculture.

The company spans nearly 72,000 square meters and produces hundreds of millions of lighting products annually, which are sold to over a hundred countries and regions worldwide. GMY has been awarded the titles of "Guangdong Province Famous Brand Product" and "Guangdong Province Renowned Trademark". With a professional R&D team, the company is recognized as a "National High-tech Enterprise", "Post-doctoral Research Workstation", "Specialized, Refined, Unique and New Small and Medium Enterprise of Guangdong Province", and "Enterprise Technology Center". We look forward to collaborating with partners to "create a better life with light", delivering value to our customers and achieving a balance of social and commercial benefits.

Over 20 years of R&D experience in lighting technology applications and manufacturing.

Covering an area of approximately 72000 ㎡.

Awarded 211 patent certificates.

Best-selling in over 100 countries and regions worldwide

Two post-doctora research stations.

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GMY
Since 1998

Effective Penetration Depth over **7**cm

SUNGLO 575/750

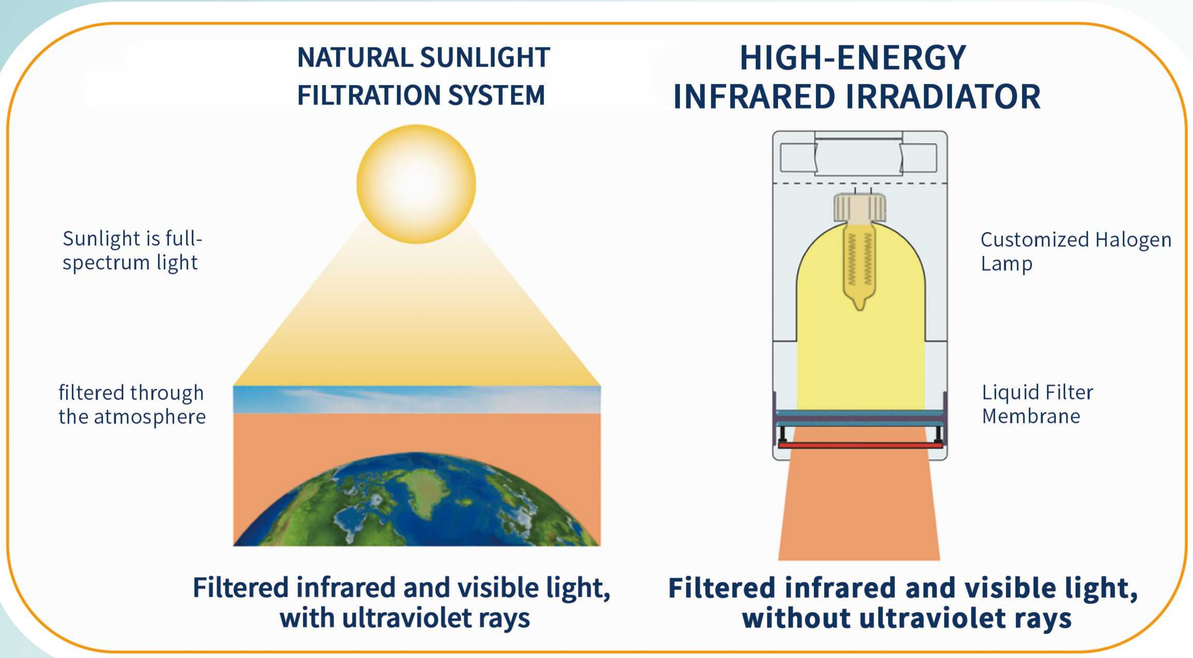
HIGH-ENERGY INFRARED THERAPY DEVICE

HIGH-ENERGY INFRARED LIGHT

INSPIRED BY NATURE

Sunlight is essential for the development of life on Earth. The infrared rays in sunlight are one of the most natural sources of heat. **However, excessive sunlight exposure can be detrimental.** Thanks to **the filtering and purifying action of the Earth's atmosphere,** humans can tolerate a significant portion of the infrared light in the solar spectrum.

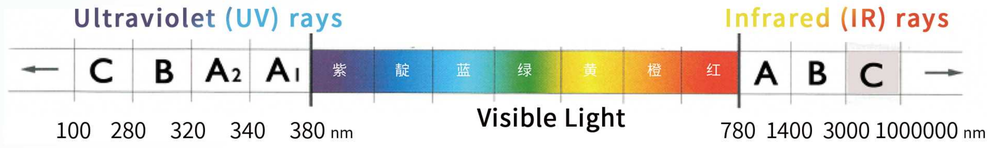
Based on this principle, we have developed a special halogen lamp irradiation device. **The device employs a specially designed liquid filter membrane** to mimic the effect of sunlight filtering through the Earth's atmosphere, eliminating the spectral components harmful to the skin. The resulting filtered infrared light **can be safely applied to the skin**, penetrating deep into the subcutaneous tissues to exert its beneficial effects.

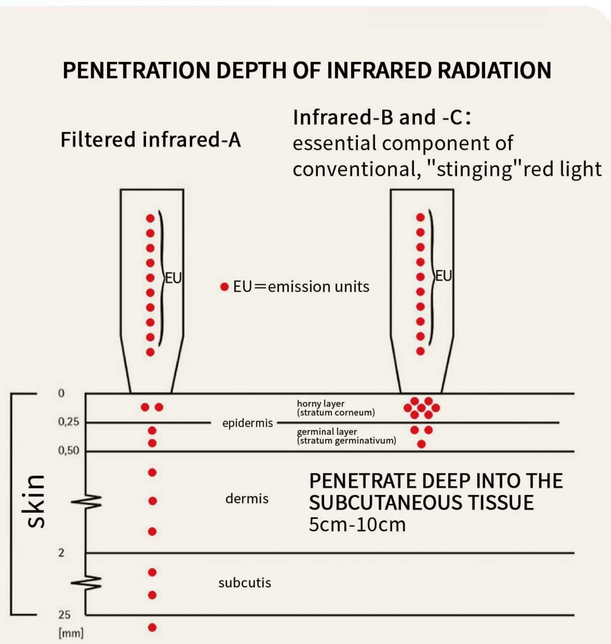


PENETRATION DEPTH MATTERS MOST

Infrared is a form of invisible light that generates a feeling of warmth by causing the molecules in our skin to vibrate. Infrared is categorized into three primary bands, each with its own specific wavelength range:

- **Infrared A :** 780nm - 1400nm
- **Infrared B :** 1400nm - 3000nm
- **Infrared C :** 3000nm - 1 mm





Infrared light is divided into different bands, each with its unique properties. The B and C bands of infrared mainly act on the surface of the skin, which may lead to a rapid increase in temperature. In comparison, the A band of infrared can safely deliver energy to deeper layers of the skin without causing damage to the skin.

The outer layer of human skin is rich in water content, which means that infrared B and C bands primarily affect the skin's surface and are almost incapable of penetrating deeply. This moisture forms a barrier that restricts the infrared rays' ability to penetrate. As a result, exposure to infrared radiation without appropriate filtration can lead to thermal skin burns.

In natural environments, air and atmospheric water content can effectively filter or significantly reduce the intensity of the infrared B and C bands. Using advanced optical technology, we can eliminate those infrared components that may harm the skin, **retaining only the infrared light that is beneficial to the human body.**

Compared to conventional infrared light, the high-energy infrared light we offer has more pronounced penetrating power and is extremely gentle on the skin. **This allows for the use of higher light intensities and significantly enhances the beneficial effects.**

SUNGLO
575/750
HIGH-ENERGY
INFRARED
THERAPY DEVICE

SunGlo575

SunGlo750

>> Mechanism of Action

The SunGlo575/750 Series uses a halogen light source to emit highly efficient infrared light. After passing through a specially designed filtration system, it effectively filters out the bands that produce a strong thermal effect on the skin while retaining the high-energy light waves **(wavelength range from 400 to 1400 nanometers)** that are tolerable and beneficial to the human body. Its excellent penetrating ability can reach tissues **more than 7 centimeters deep**, producing a powerful deep penetration effect. This provides ideal thermal penetration to promote metabolism and cell repair, as well as anti-inflammatory, analgesic, and muscle and bone pain relief.

In addition, the SunGlo575/750 Series significantly accelerates biochemical reactions in cells or tissues after absorbing infrared rays. It changes the concentration or activity of molecules involved in biochemical reactions, thereby promoting the progress of metabolic, immune, and other biochemical reactions in the human body. It enhances blood circulation, increases local thermal effects, **helps to effectively soothe pain, and provides an ideal environment for bodily comfort.**

SunGlo575/750 series
Effective Penetration Depth of 7 CM

- High-power density infrared light output, **Penetration depth exceeding 7 cm;**

- Physical buttons for operation, High clarity display screen;
- **Adjustable lamp head angle,** Meeting different irradiation angles;

- Equipped with a humanized distance-limiting bar, Setting the minimum irradiation distance, Ensuring safe use.