

Advanced Android OS smart laser for therapy

Advantage:

*Android OS smart laser
HD Color Touch Screen
Expert Preset Protocols
Wifi update software
Quite working fans*



ADD: B8-A5, Hi-Tech Medical Device Industrial Park, #818 Gaoxin Avenue,
Wuhan 430206, China
Ph: 86-27-67848871 67848872 Fax: 86-27-67848873
<http://www.gigaalaser.com> Email: info@gigaalaser.com



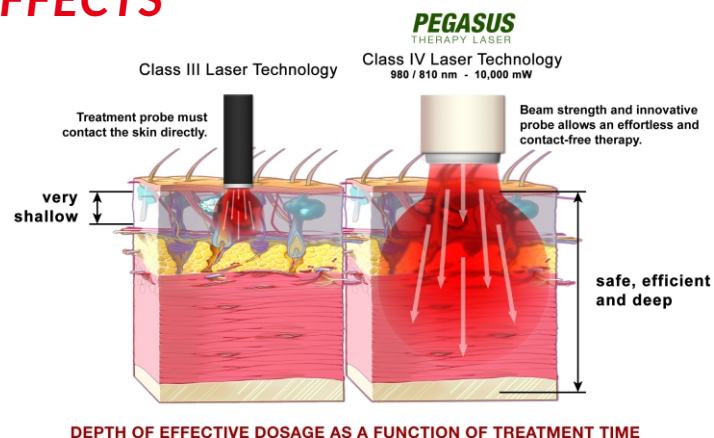
Class IV laser therapy

Laser Therapy is used for the relief of pain, to accelerate healing and decrease inflammation. When the light source is placed against the skin, the photons penetrate several centimeters and get absorbed by the mitochondria, the energy producing part of a cell. This energy fuels many positive physiological responses resulting in the restoration of normal cell morphology and function. Laser Therapy has been successfully used to treat a broad range of medical conditions, including musculoskeletal problems, arthritis, sports injuries, post-surgical wounds, diabetic ulcers and dermatological conditions.

The central goal of laser therapy is to stimulate the cell to perform its natural functions, but at an enhanced rate. Targeted in hemoglobin and cytochrome c oxidase, the high power diode laser could help the respiration and then in result have a good performance therapy. In sharp contrast to "Cold lasers" which provide no feeling or sensation, high power diode laser therapy will provide warm and smoothing feeling.

Unlike many pharmacological treatments that mask pain or only address the symptoms of disease, Laser Therapy treats the underlying condition or pathology to promote healing. This means that the treatments are effective and the benefits of Laser Therapy are long lasting.

BIOLOGICAL EFFECTS



Anti-Inflammation

Laser therapy has an anti-edemic effect as it causes vasodilation, but also because it activates the lymphatic drainage system (drains swollen areas). As a result, there is a reduction in swelling caused by bruising or inflammation.

Anti-Pain (Analgesic)

Laser therapy has a high beneficial effect on nerve cells which block pain transmitted by these cells to the brain and which decreases nerve sensitivity. Also, due to less inflammation, there is less edema and less pain.

Accelerated Tissue Repair and Cell Growth

Photons of light from lasers penetrate deeply into tissue and accelerate cellular reproduction and growth. The laser light increases the energy available to the cell so that the cell can take on nutrients faster and get rid of waste products.

Improved Vascular Activity

Laser light will significantly increase the formation of new capillaries in damaged tissue that speeds up the healing process, closes wounds quickly and reduces scar tissue.

Increased Metabolic Activity

Laser therapy creates higher outputs of specific enzymes, greater oxygen and food particle loads for blood cells.

Trigger Points and Acupuncture Points

Laser therapy stimulates muscle trigger points and acupuncture points on a non-invasive basis providing musculoskeletal pain relief.

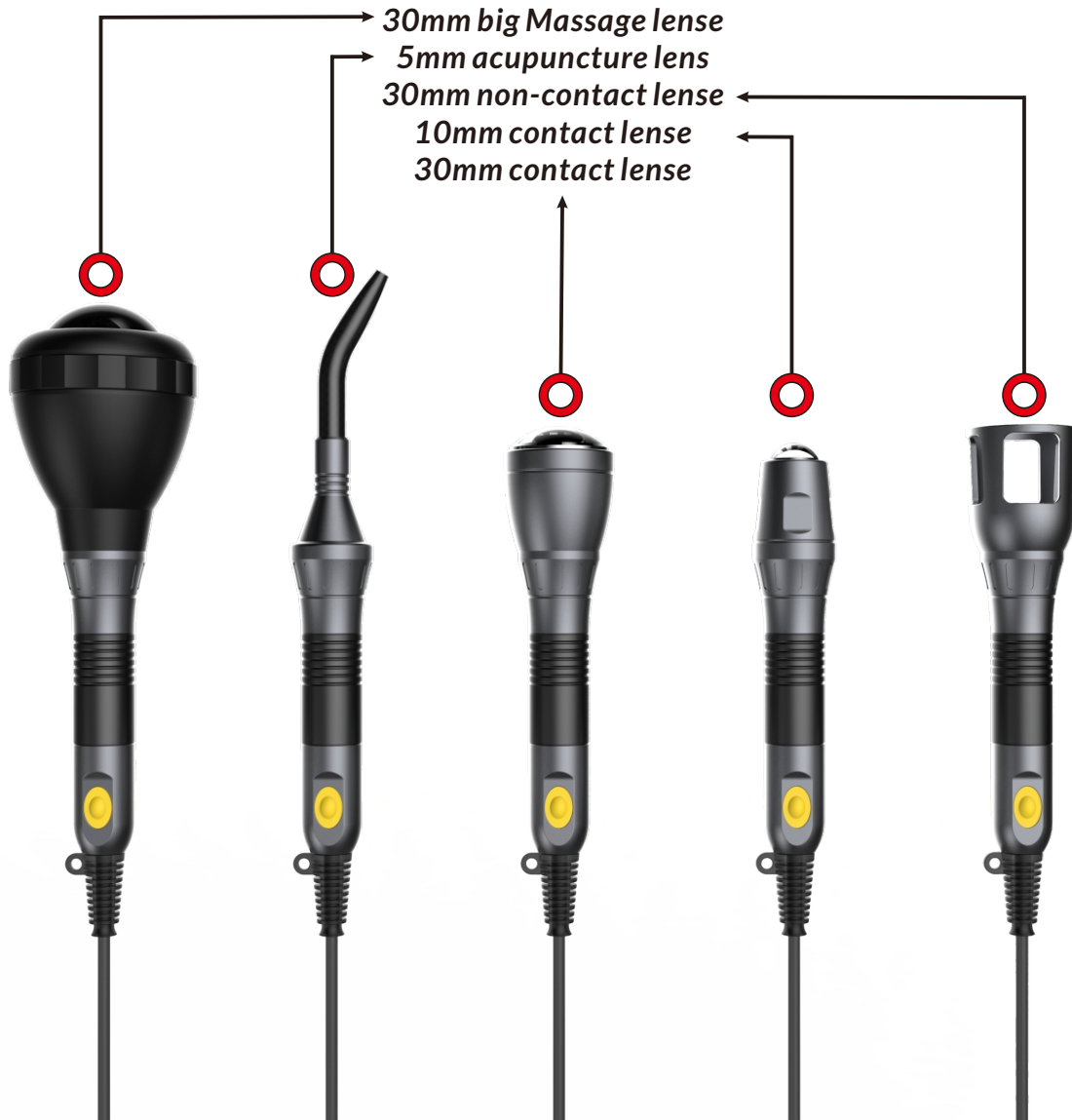
Travel Case

GIGAA Laser studied a comfortable transport case



PM5 Hand Piece

5 lenses for different protocols



4 Wavelengths

1064nm

Superior tissue penetration resulting in acceleration of cellular activity.

650nm

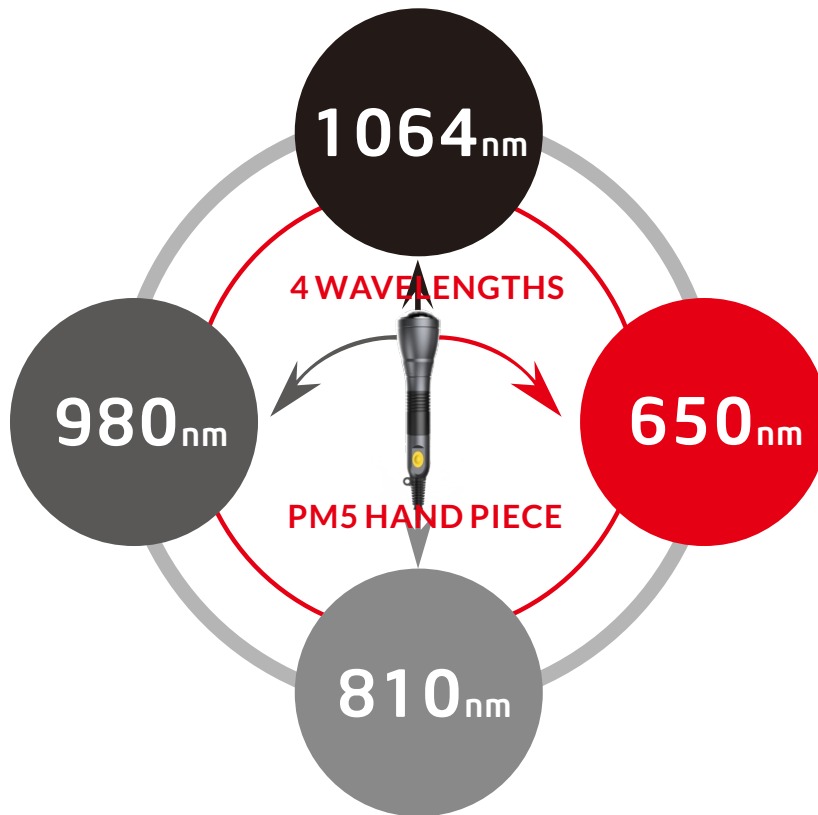
Inhibit bacteria and promote cell growth, best in wound healing and scar tissue regulation.

810nm

Moderate tissue-penetration capacity, has a bio-stimulant effect.

980nm

Lower tissue penetration capacity, absorbed near surface. Has analgesic effect.



Power Matters

Wavelengths determine the depth of penetration and power determines the dosage delivered to depth in tissues, the higher-powered laser could deliver enough doses to deeper targets in a shorter time, this is the reason we offer 26.2Watt peak CW laser in the market.

Technical Specifications

Model	FIRELAS CURE
Wavelength	650nm, 810nm, 980nm and 1064nm
Maximum Power	26.2W
Operation Mode	CW, Single Or Repeat Pulse
Pulse Duration	10µs-3s
Repetition Rate	0.2Hz-20KHz