

CE ISO 13485

RAYGUN

Principle of LASER Device




LAMEDITECH



It keeps my family safe.

Keep your family healthy safely and easily using a laser blood-collecting system with an advanced concept.

A newly conceptualized laser blood-sampling method different from the needle blood-sampling method

Completely free of contagion

Stylish design and convenience in using

Auto sterilization due to high temperature laser

Realization of low pain blood-sampling due to the adjustable laser level corresponding to the thickness of skin



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Realizes low pain blood sampling by using ER:YAG laser in Korea.
The ER:YAG laser used in RAY GUN has a wavelength of 2.94 micrometers which is highly absorptive of moisture, and is not harmful to the human body.

It eases pain and fear.

We removed any risk of infection completely and realized low pain blood collecting by controlling laser for skin thickness.



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Specifications

Laser power range	80~350 mj
Laser level range	1 ~ 5 steps
Wavelength	2.94 micrometers (Erbium:YAG)
Weight	160g
Laser class	Class IV Laser
Battery charger	Max: 4.2 Vdc

Operation Method

Step 1 POWER ON

Press Power On button for three seconds to unlock the first safety; then, final use level will be set on the laser level display with a "Beep" sound.



Step 2 Set the laser level (1~5 level) to take blood.

Select the high/low of laser from level 1 to level 5 using the Select button.



Step 3 Set the laser level (1~5 level) to take blood.

Hold the product as shown in the picture. Unlock the second safety using the sensor.



Step 6 Switch to the Safety

If you take your hand off the laser irradiation part, it will switch into the safety function.



Step 5 Laser Irradiation and Blood Collecting

Press the Shoot Button to irradiate laser and complete blood collecting while keeping the blood-collecting part in contact with the laser irradiation part.



Step 4 Laser Energy Charge

Press the laser irradiation part lightly onto the blood collecting part to unlock the third safety. The indication of laser irradiation-ready will be repeatedly flickering as LED on the display. This will be the charging phase to irradiate laser. After a while, when it is ready to irradiate laser, the buzzer will go off.



Step 7 POWER OFF

Press Power OFF button for three seconds to turn off.



Components



Laser Blood Collector



Portable bag



Charger



User manual



Warranty

Your Credible Business Partner!
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