

YAG Laser Tatoo Removal Series

Application:

- Pigment deposit dispelling
- Color tattoo removal
- Eliminates the age pigment, spot, birthmark
- Pigment changes
- Skin rejuvenation
- Lip line and eyes line removal

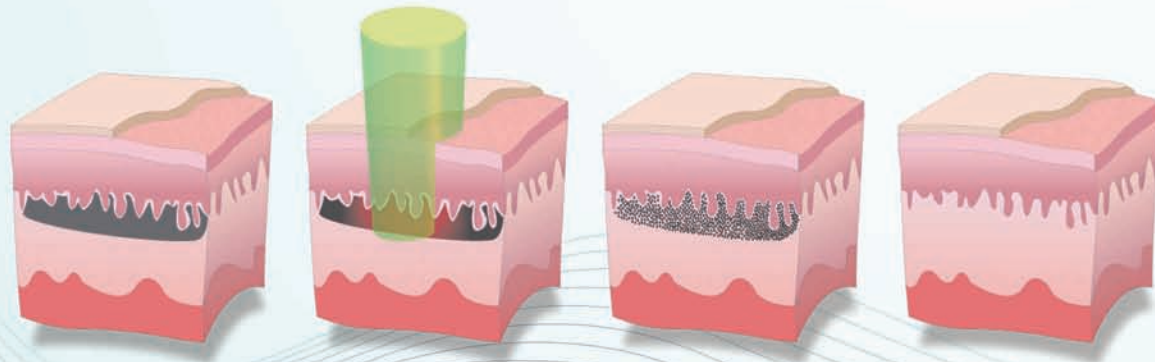


Model# : RY 280



Theory

The Q-switched ND YAG laser takes specific wavelengths light in high energy, which are absorbed by the pigment in the tattoo and result in a shockwave. The shockwave shatters the pigment into particles, breaking them into very small fragments, some parts will consequently bounce out of the skin and the other parts will spilt even further into minute particles; which eventually will be engulfed by the phagocytes and ultimately gets eliminated by the lymphatic system. Since this specific wavelength can only be absorbed by pigment particles, no injury to skin and normal tissues.



LCD controller display



Features

- Q-switch yag laser
- Smart design, just 10kg only, easy for move anywhere
- Single pulse energy 200mj
- It has 2 heads, 1064nm and 532nm
- it is very smart , you could bring it for door to door service
- Alarm protection system
 - a. water flow detection: automatically detects water flow when turning on machine, will stop all working immediately and sound alarm at the same time under the status of no water, few water, bad water circulation; greatly protecting machine and people against any risk at the first time
 - b. water temperature detection: long continuous working or high room temperature, will cause the water temperature rise in turn. As actual water temperature is over 55°C, it will stop all working immediately and sound alarm at the same time. For good protection to machine, the factory makes system setup as 55°C initially

About handpiece



532nm

2.532nm for
all colors
tattoo
removal
treatment,
such as
red color,
green color
etc;



1064nm

1.1064nm
for black
colors ,
brown
colors
tattoo
removal
treatment;



1064nm

(Note:
non-standard,
just for your
option)

3.skin
rejuvenation
probe for the
whole face
skin renewing,
body and face
whitening;

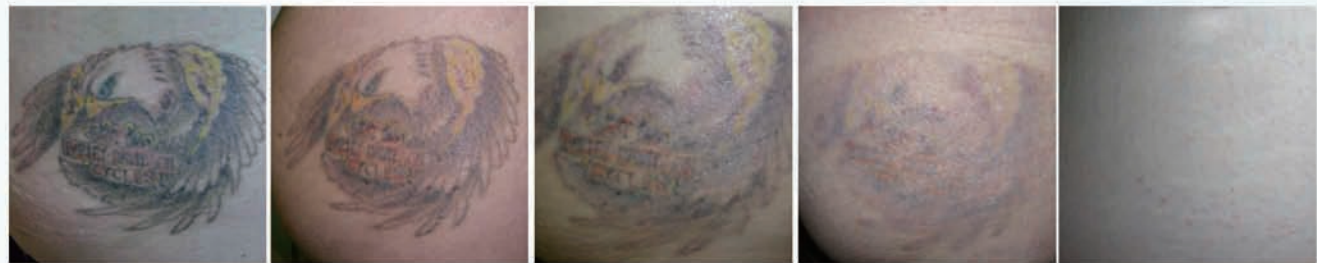


Specifications

Laser type	ND YAG Q-switch laser
Wavelength	double wavelength 1064nm, 532nm
Controller	Key press LCD display
Energy	1300mJ
Width of pulses	6ns
Frequency	1-6
Diameter of spot	1-8mm
Indicator of aiming light	imported ruby indicator
Cooling manner	Closed-off water circulation + air
Program language	English
Dimension of machine	42×25×24.5 cm
Dimension of package	41×42×57 cm
N.W.	10kg
G.W.	17kg
Packing	aluminum alloy case
Voltage	220V / 110V



Before and After



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