



Q-Switched Nd:YAG Laser

Model : QM-Q1+



Applications:

- 532nm wavelength: get rid of freckles, eyebrow tattoo, failed eye line tattoo, tattoo, lips line, pigment, telangiectasia in shallow red, brown and pink and etc. light color
- 1064nm wavelength: get rid of freckles and yellow brown spot, eyebrow tattoo, failed eyeliner tattoo, tattoo, Birthmark and Nevus of Ota, pigmentation and age spot, nevus in black and blue, scarlet red, deep coffee and etc. deepcolor.
- 1320nm wavelength: shrink pores removal, blackhead removal, skin tightening and whitening, skin rejuvenation, wrinkle removal.

Machine colors can be customized:

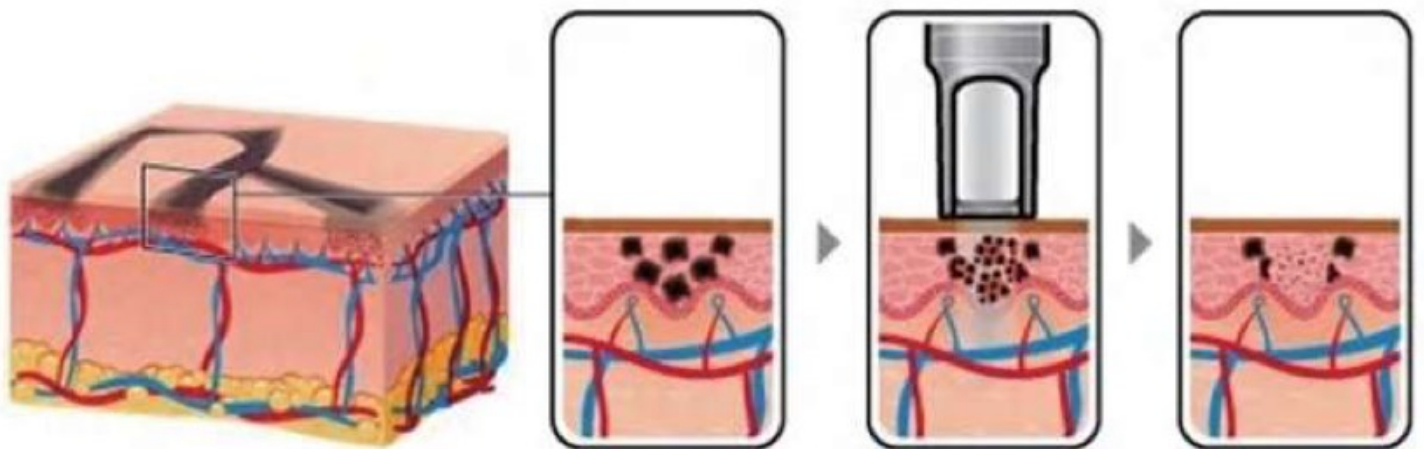


Working Principle:

The special wavelength of YAG laser can penetrate skin of human body according to the theory and practice of "selective laser decomposing", the instrument uses the laser-wave to break Chromatophore into pieces which can be naturally absorbed by the body. So that it achieves the purpose of de-freckling.

The Q-switched Nd:YAG laser radiates the light with a specific wavelength in high peak energy pulse; hence the light penetrates the tissue only for an ultra-short nanosecond. The light is absorbed by the pigment tissue and results in an instantaneous blast, that is Light blasting principle. The pigment particles are shattered into fragments, parts of them will be bounced out of the skin and other parts will be split into tiny particles that can be engulfed by phagocytes and then metabolized by the lymphatic system.

The 1064nm wavelength will shatters and removes the black and blue pigments while the 532nm wavelength will shatters and removes red, pink, purple and brown pigments of the tattoo or other pigmentations without damaging the normal tissue



Advantages of Laser Handle



5 Laser tips:
Standard tips: 1064nm, 532nm, 1320nm
Non pain tips: 1064nm, 532nm



Technical Specifications

Peak Power	500W
Wavelength (Spectrum)	Standard tips: 1064nm,532nm,1320nm& Non pain tips:1064nm,532nm
Energy Density (Fluence)	1-2000mJ
Spot Size	2-7mm
Pulse Repetition Rate	1-10Hz
Pulse Duration	<8ns
YAG Bar Size	ø7
Cooling	Air cooling Closed water circulation cooling
Stand-by Working	Continuously for 15 hours
Display	8.4" True Color LCD Touch Screen
Electrical Requirements	110/230VAC, 15/20A max., 50/60Hz
Net Weight	20kgs
Dimensions (WxDxH)	480*430*340 mm

Before & After



BEFORE

AFTER



BEFORE



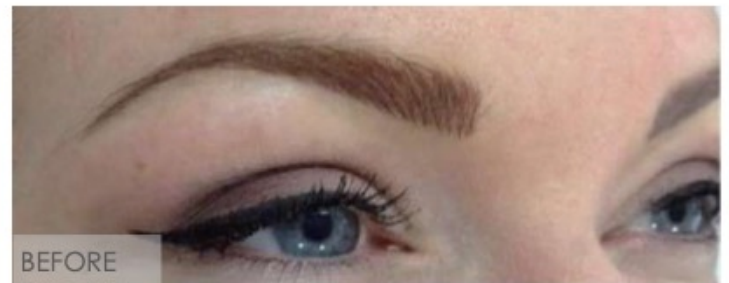
AFTER



BEFORE



AFTER



BEFORE

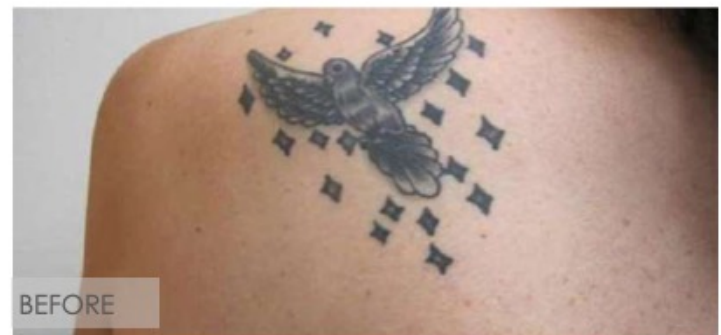


AFTER



BEFORE

AFTER



BEFORE



AFTER

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