



# AMI-Q

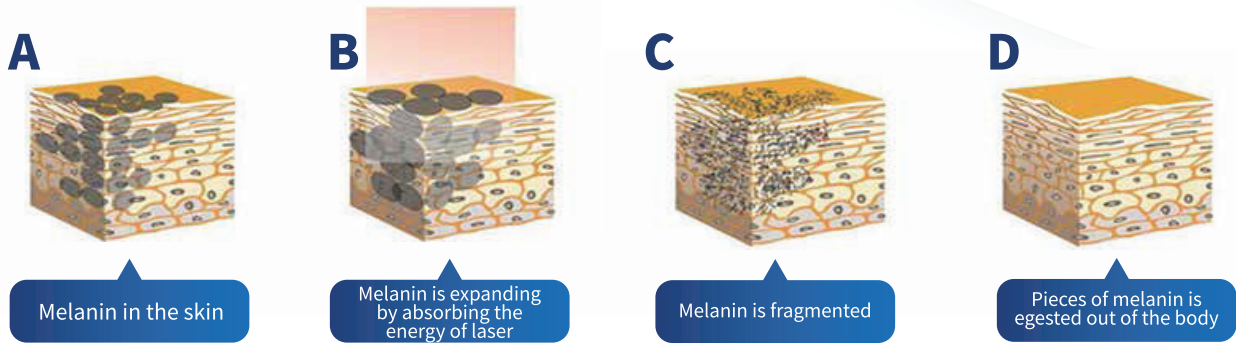
Q-Switched Nd:YAG Laser



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## Introduction

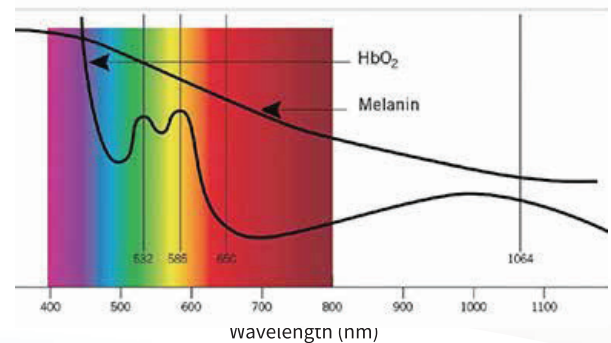
AMI-Q irradiates laser of single wavelength – 1064nm or 532nm – toward the skin for a very short time (nano second level) and transforms optical energy into thermal energy. Using the selective photother and heat resolving principle, it protects the normal skin but destroys and treats the pigment lesions. In addition, it absorbs tattoo ink by resolving the target pigment into fine particles. As shown in the figures right, the laser of 1064nm penetrates deep into the skin, while the laser of 532 1064nm absorbs red oxyhemoglobin and reddish brown melanin respectively.



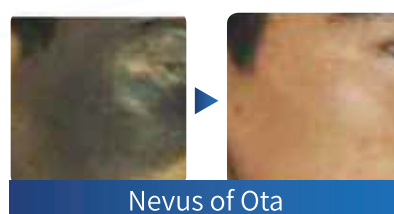
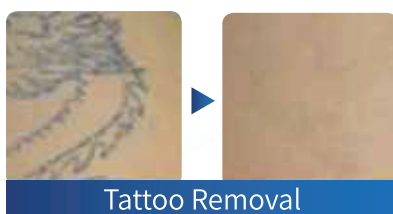
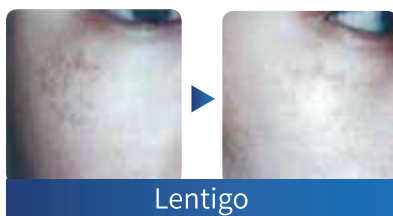
## What is the Selective Photothermolysis?

A principle under which the normal skin can be protected while the pigment areas are absorbed and destroyed by the laser selectively.

Absorption Spectrum for Melanin and Hemoglobin



## Before & After



# Applications

- Tattoo Removal
- Toning Fine Wrinkle
- Nevus of Ota
- Abnom
- Eye Line
- Blue Nevus
- Eye Brow
- peckled Nevus
- Lentigo
- Cafe Au Lait Spot
- Seborrheic Keratosis
- Hyper pigmentation
- Speckled
- Freckle
- Melasma
- Fine Hair Breaching
- Nail Fungus

# Features

- ### AMI-Q
- Four Wavelength available (532nm, 1064nm, 585nm(optional) and 650nm(optional))
  - Adjustable Spot Size 2-10 mm
  - Highly effective against pigmentation
  - Safe, No side effect & Faster treatment

# Main Mode

- ### AMI-Q
- 1064nm Mode
  - 532nm Mode
  - Genesis Mode(Treating Acne & Wrinkle)
  - UNI-Q Mode(Smart Mode)



# Specifications

## ALLUX-Q

Laser Type		Nd:YAG Laser
Wavelength		532, 1064nm
Pulse Duration	532/1064	6-8ns
	1064 Genesis	330 $\mu$ s
Output Power	532	50-500mJ
	1064	100-1800mJ
	1064 Genesis	100-2300mJ
	585	50-250mJ
	650	50-150mJ
Spot Size		2-10mm
Frequency		1-10Hz
Power Supply		220-240V~, 50/60Hz
Cooling System		Circulated Water Cooling
Dimensions		450(W) x 947(D) x 920(H)mm
Weight		95kgs
Display		10.2" Touch Screen Color LCD

## Exclusive Distributor



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