

SPECIFICATIONS

Q - MASTER

Laser Type	Nd:YAG Laser
Wavelength	532, 585, 650, 1064nm
Pulse Duration	532/1064 5-6ns
	1064 Genesis 330μs
Output Power	532 50-500mJ
	1064 Single 100-1000mJ
Output Power	1064 PTP 100-1800mJ
	1064 Genesis 100-2300mJ
Output Power	585 50-250mJ
	650 50-150mJ
Spot Size	2-10mm(532,1064) 2mm(585,650)
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
Optional Handpiece	585, 650 DYE Handpiece Fractional Handpiece



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www.aimed.co.kr



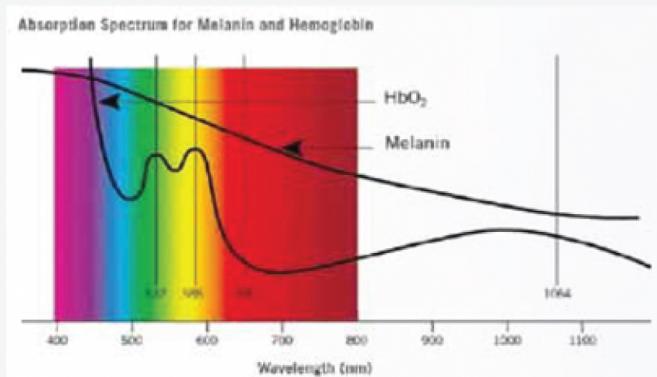
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Q-MASTER

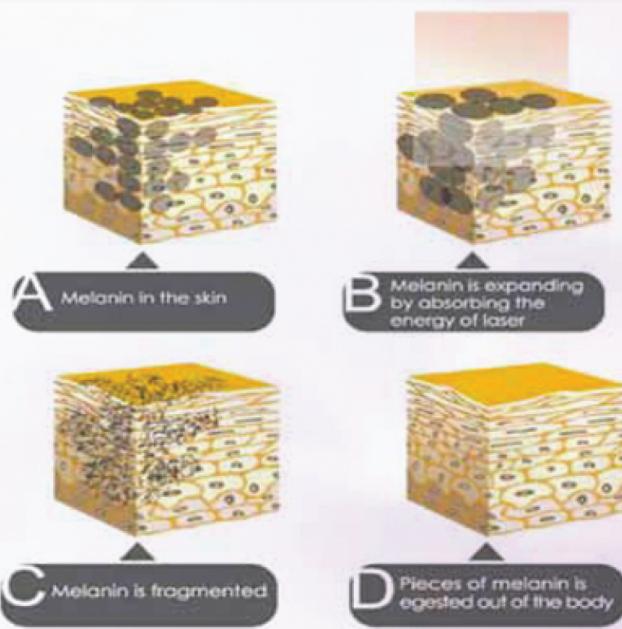
INTRODUCTION

Q-MASTER irradiates laser of single wavelength -1064nm or 532nm - toward the skin very short time (nano second level) and transforms optical energy into thermal energy . Using the selective photothermolysis and heat resolving principle , it protects the target pigment into fine particles . As shown in the figures below , the laser of 1064 nm penetrates deep into the skin , while the laser of 532 nm absorb red oxyhemoglobin and reddish brown melanin respectively .



What is the Selective Photothermolysis ?

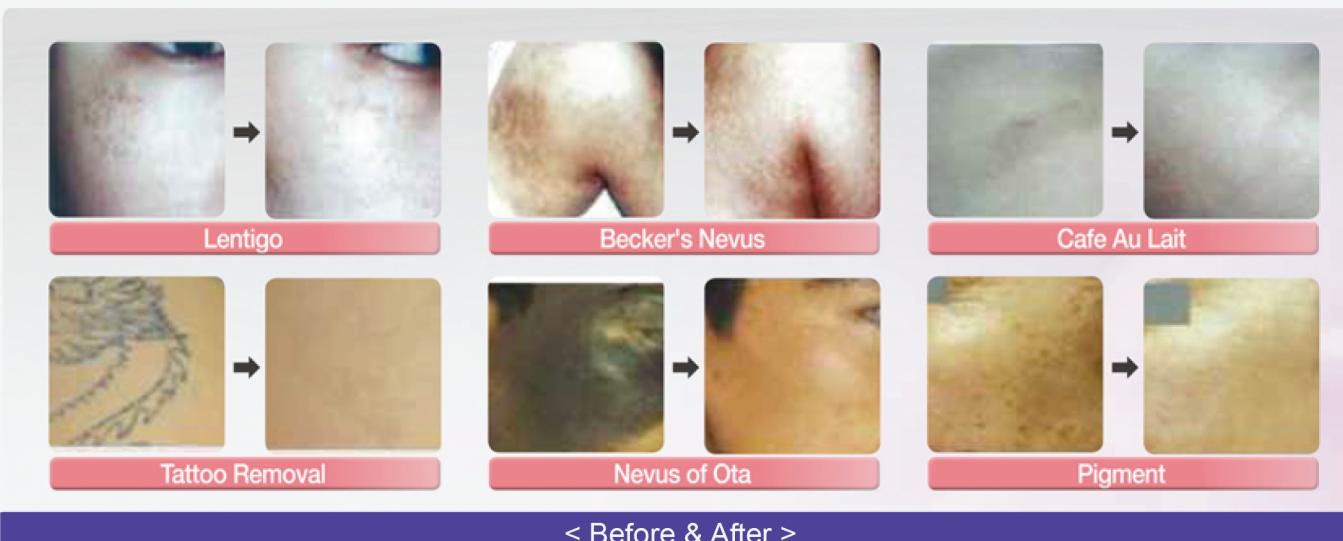
A principle under which the normal skin can be protected while the pigment areas are absorbed and destroyed by the laser selectively



Applications

- . Tattoo Removal
- . Hair Removal
- . Carbon Peel
- . Fine Wrinkle
- . Nevus of Ota
- . Lentigo
- . Cate Au Lait
- . Hyper pigmentation
- . Toning

Clinical Pictures (Before & After)



FEATURES

Q-MASTER
(Q-Switched Nd:YAG Laser)

- . Four Wavelength available (532nm , 1064nm , 585nm(optional) and 650nm(optional))
- . Adjustable Spot Size 2-10mm
- . Highly effective against pigmentation
- . Safe , No side effect & faster treatment
- . Flat-Top-Mode Applied
(New concept of BMO method by optimizing beam mode)

MAIN MODE

Q-MASTER
(Q-Switched Nd:YAG Laser)

- . 1064 nm mode
- . 532 nm mode
- . Genesis Mode (Treating Acne & Wrinkle)
- . UNI-Q Mode (Smart Mode)

