

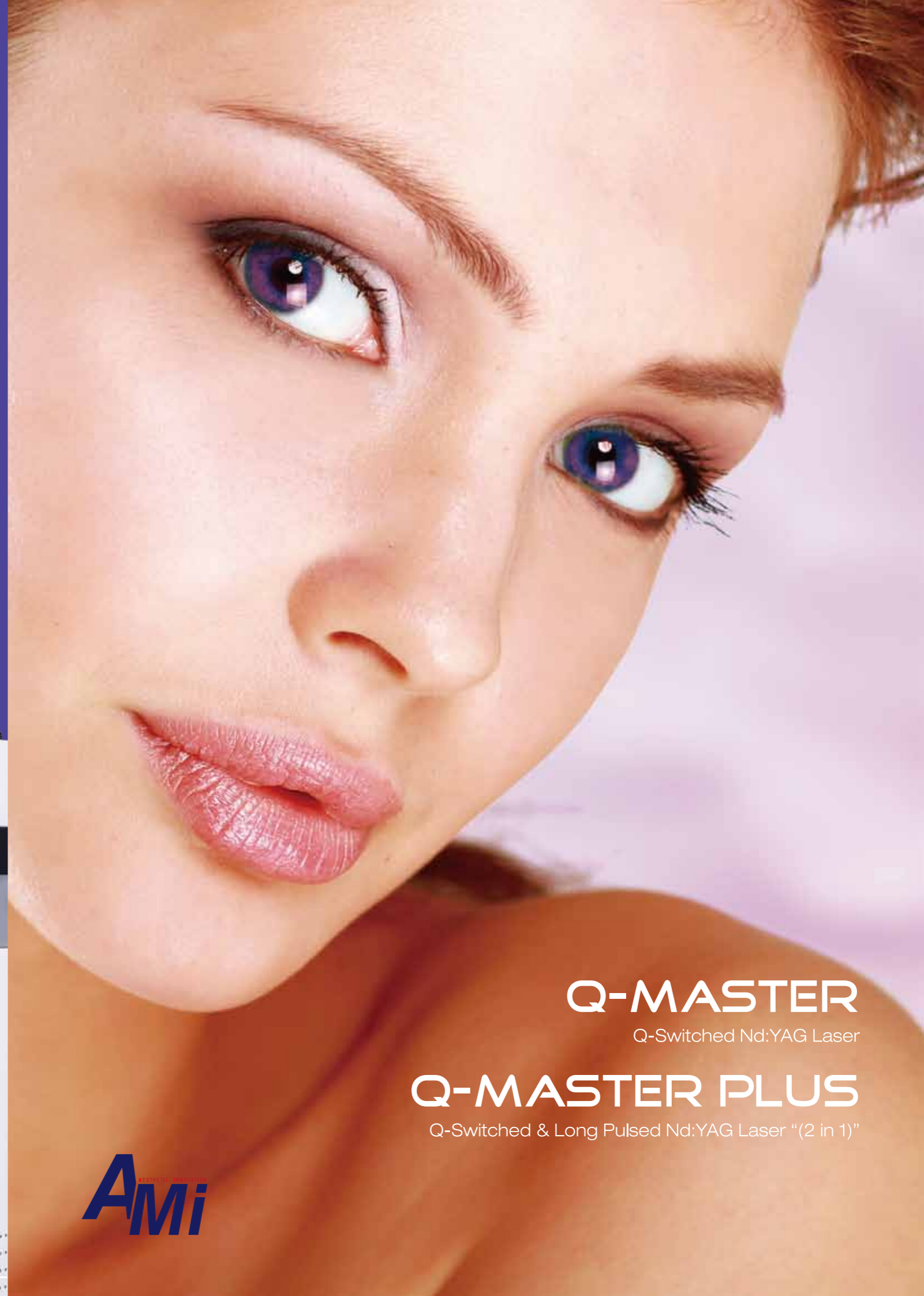
# SPECIFICATIONS

## Q-MASTER

Laser Type		Nd:YAG Laser
Wavelength		532, 585, 650, 1064nm
Pulse Duration	532/1064	5-6ns
	1064 Genesis	330 $\mu$ s
Output Power	532	50-500mJ
	1064 Single	100-1000mJ
	1064 PTP	100-1800mJ
	1064 Genesis	100-2300mJ
	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

## Q-MASTER PLUS

Laser Type		Nd:YAG Laser
Wavelength		532, 585, 650, 1064nm
Pulse Duration	532/1064	5-6ns
	1064 Genesis	330 $\mu$ s
	1064 Long	5-30ms
Output Power	532	50-500mJ
	1064 Single	100-1000mJ
	1064 PTP	100-1800mJ
	1064 Genesis	100-4500mJ
	1064 Long	1-50J
	585	50-250mJ
	650	50-150mJ
Spot Size		2-15mm (532,1064) 2mm (585,650)
Frequency		1-10Hz(Normal), 1Hz(Long)
Power Supply		220-240V~, 50/60Hz
Cooling System		Circulated Water Cooling
Dimensions		450(W) x 947(D) x 920(H)mm
Weight		105kgs
Display		10.2" Touch Screen Color LCD
Optional Handpiece		585, 650 DYE Handpiece Fractional Handpiece



**Q-MASTER**

Q-Switched Nd:YAG Laser

**Q-MASTER PLUS**

Q-Switched & Long Pulsed Nd:YAG Laser "(2 in 1)"

**Ami**  
AESTHETIC INNOVATION

www.amimed.co.kr

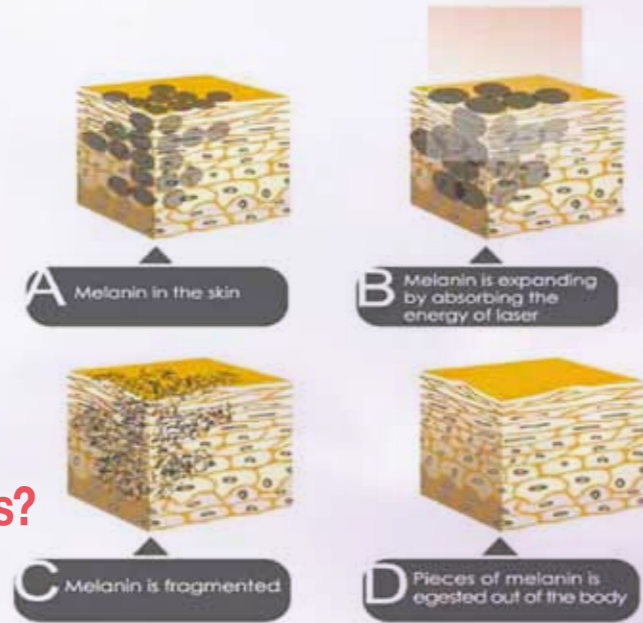
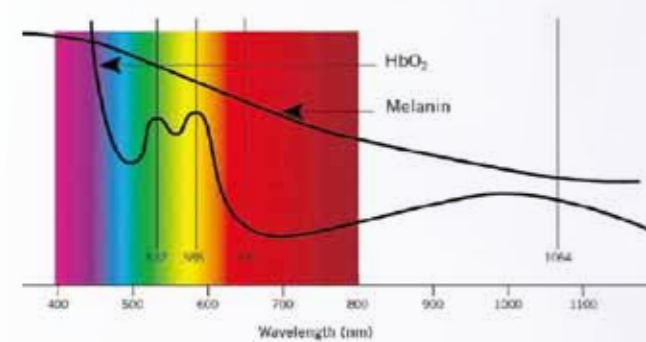
**Ami**

# 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 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 below, the laser of 1064nm penetrates deep into the skin, while the laser of 532nm and 1064nm absorb red oxyhemoglobin and reddish brown melanin respectively.

Absorption Spectrum for Melanin and Hemoglobin



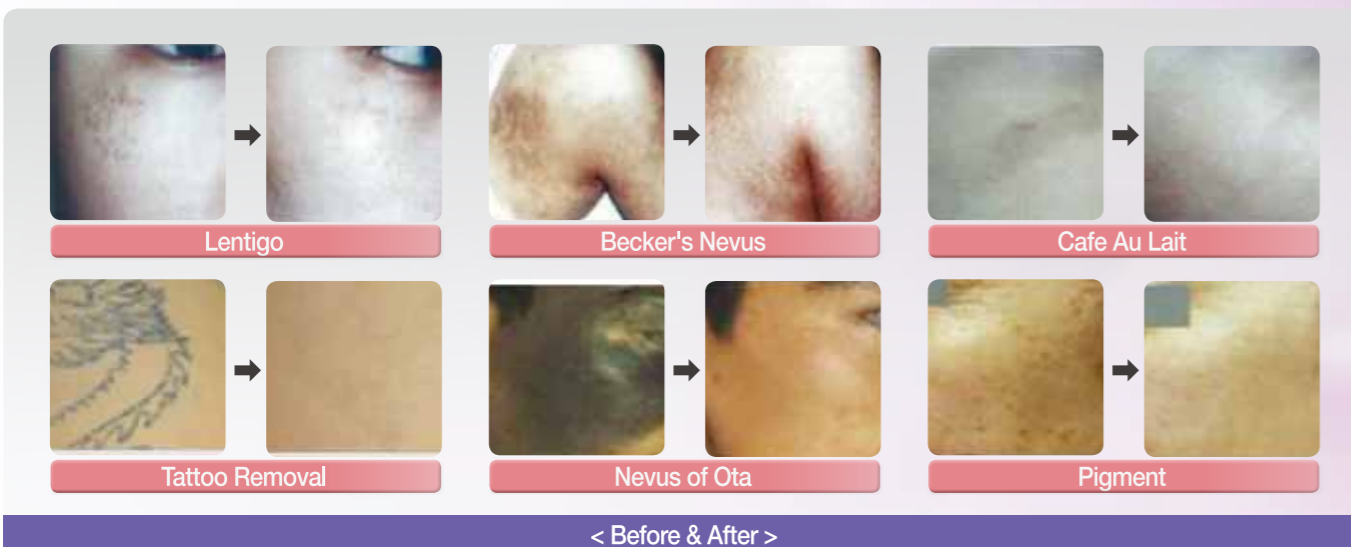
## What is the Selective Photothermolysis?

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
- Cafe 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 2-10 mm
- Highly effective against pigmentation
- Safe, No side effect & Faster treatment
- Flat-Top-Mode Applied (New concept of BMO method by optimizing beam mode)

### Q-MASTER PLUS

(Q-Switched Nd:YAG & Long Pulsed Nd:YAG Laser(2 in 1))

- Four Wavelength available (532nm, 1064nm, 585nm(optional) and 650nm(optional))
- Adjustable Spot Size 2-10mm & 11-15mm (Two Hand pieces)
- Highly effective for treating pigmentation and Hair removal (One Device can treat for both of skin care and hair removal)
- 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)

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

### Q-MASTER PLUS

(Q-Switched Nd:YAG & Long Pulsed Nd:YAG Laser(2 in 1))

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

