

# ND YAG LASER

## Q Switch Nd: YAG Laser tattoo removal system

### ● Application

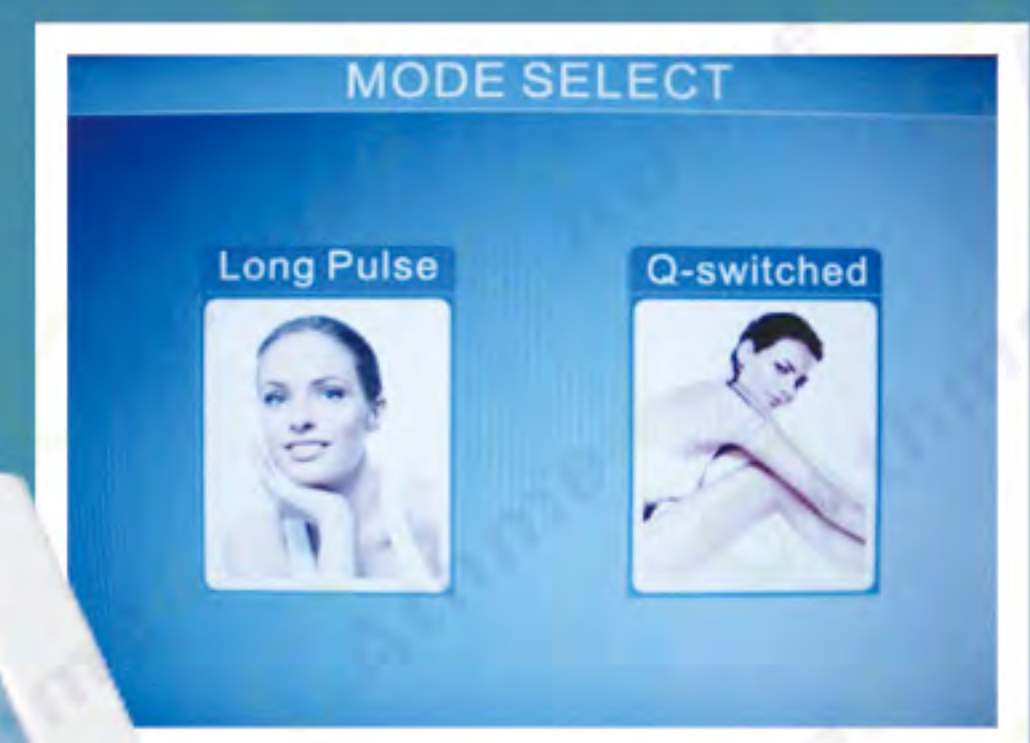
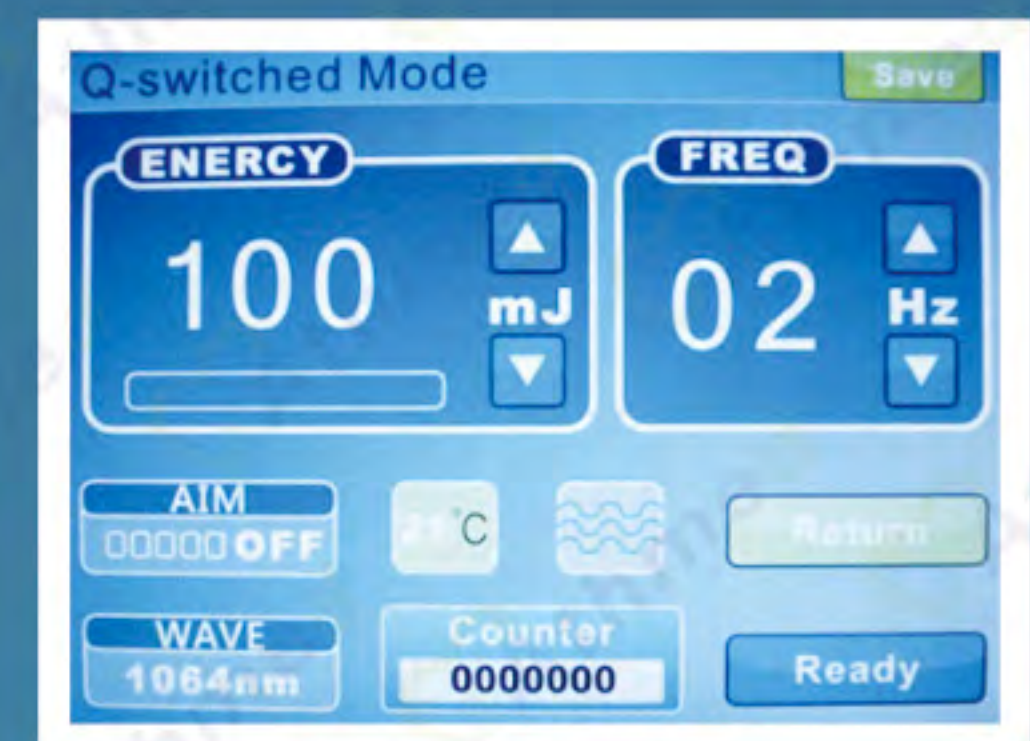
- Pigmentation Removal:
- Remove nevus of ota, café-au-lait spots, age pigment
- Remove spot wine stains and spider angiomas
- Remove permanent make up such as eyebrow eyeliner, lip prints, lip liner and so on.
- Remove body tattoo
- Skin rejuvenation
- Reduce fine wrinkles, improve skin elasticity, rejuvenate skin.
- Lift and tighten skin.
- Shrink large pores, deep clean, improve skin metabolism.
- Improve coarse skin.

### ● Advantage

- Advanced LED screen, 7 joints articulated arm for light transmission.
- The single pulse energy can be up to 1,200mj to eliminate the deeply endogenous pigmentation thoroughly and easily.
- 1500W input power, 8ns pulse width, so with the big single pulse energy, ensures all kinds of treatment of pigmented lesions.
- Higher 1Hz-10Hz energy density crushes pigments more thoroughly with less skin injury.
- Blue laser beam point guide, so it can find the right treatment area exactly
- Alarm protection system of water flow and water temperature: protect people and machine against any risk at the first time
- Perfect cooling system: closed-off water circulation + air cooling, good performance for long time working.



AM-600





## ● Detailed Items

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- 1064nm, 532nm for different application, Maximum energy shooting 1200mj
- 10.4" color touch LCD screen
- Mini and smart design, convenient for mobile service
- Red light Guided, more accurate
- Infrared indication produces more professional treatment
- Q-Switch Nd:YAG, super powerful optical filtering(KTP)
- Modularity inner structure, safe for transportation and convenient for after-sale service
- Alert alarm for low water level, abnormal water temperature.
- Plug-and-play connectors bring easier and faster-maintenance
- Use South Korea advanced electro-optical Q-technique, to ensure the laser pulse width is less than 8ns, in order to obtain a higher peak power, to ensure perfect treatment result.

## ● Working Principle

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Q switched nd yag laser emitted by the system has a strong penetration ability which allows it to reach the deep layer of dermis. The pigment particles absorb the light energy and explode sharply, burst into the tiny pieces, thus diminish the color density and get rid of it. So the appliance can effectively do away with mutant pigmentations and vascular tissue based on undamaged ambient tissue. This is called 'Selective heat absorption' principle in medical field.



## ● Technical Specification

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Model: AM-600  
Laser type: ND YAG Q-switch laser  
Wavelength: double wavelength 1064nm, 532nm  
Controller: Key press display  
Single-pulse Energy: 1200mj (1064nm); 600mj (532nm)  
Indicator of aiming light:  
semiconductor aiming light wavelength 650nm  
Power: 1500W  
Width of pulses:  $\leq 8$ ns  
Pulse diameter: 2mm-8mm  
Frequency: 1-10 Hz  
Cooling manner: Closed-off water circulation + air  
Program language: English  
G.W.: 110kg  
Voltage: AC220V 10A 50/60Hz  
Instrument dimensions: 830mm $\times$ 310mm $\times$ 870mm  
Package dimensions:  
980 $\times$  430  $\times$ 1000mm not including joints arm

## ● Before and after

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