Q-switch ND YAG Laser Beauty Machine

**Brief Introduction:**
This Q-switched ND:YAG Laser equipment is designed and manufactured in full compliance with relevant national safety standards of laser medical equipment and quality inspection requirements, has reached the international advanced level.

This machine adopts the advanced optical technology and components from Korea, multifunctional microcomputer control system, adjustable spot size laser lens, which can do various treatments of tattoo and pigmented lesions removal, laser toning and so on.

**Treatment Principle:**

Laser impact and heating, then pigments tissue high speed expansion, broken into tiny particle, these tiny particle can be phagocytosis and absorption by macrophage of human body.
It is called “Selectively Thermal Absorption of Laser” in medical.

**Treatment Scope:**
Remove nevus of ota, cafe-au-lait spots, age pigment
Remove spot wine stains and spider angiomas, shallow brown spot
Remove tattoo eyebrow, eye line tattoo, lip prints, lip line prints, all kinds of tattoo
**Skin Care:** shrink pores, whitening, control oiliness, repair blain hole and remove Acne Scars.

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Specifications:

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
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</thead>
<tbody>
<tr>
<td>Laser Type</td>
<td>Q-switched ND:YAG Laser</td>
</tr>
<tr>
<td>Cooling</td>
<td>Water cooling &amp; Air cooling</td>
</tr>
<tr>
<td>Spot Size</td>
<td>Φ1-5mm or Φ1-7mm (continuously adjustable)</td>
</tr>
<tr>
<td>Energy</td>
<td>50MJ--1000MJ</td>
</tr>
<tr>
<td>Power Supply</td>
<td>AC 220V 50Hz / AC 10A, 110V 60Hz 10A</td>
</tr>
<tr>
<td>Aim Beam</td>
<td>Semiconductor 650nm Red Aiming Beam</td>
</tr>
<tr>
<td>Wavelength</td>
<td>1064nm, 532nm</td>
</tr>
<tr>
<td>Pulse Width</td>
<td>≤12ns</td>
</tr>
<tr>
<td>Repetition Rate</td>
<td>1-10Hz</td>
</tr>
<tr>
<td>Input Power</td>
<td>500W</td>
</tr>
<tr>
<td>Xenon</td>
<td>Φ7<em>70</em>150</td>
</tr>
<tr>
<td>Crystal Rods</td>
<td>Φ5*85</td>
</tr>
<tr>
<td>Weight</td>
<td>18KG</td>
</tr>
<tr>
<td>Dimension</td>
<td>59<em>44</em>37</td>
</tr>
<tr>
<td>Optional Part</td>
<td>Cart, Adjustable Focal Length Stents</td>
</tr>
</tbody>
</table>

Technology Advantages:

High Energy: 1000mj

Fast Frequency: The highest frequency can be up to 10Hz, which can avoid the pigment backflow and save time.

High Stability:
This machine installed with advanced full-automatic water temperature protection cooling system, which is our patent and advantage.

Its failure rate and repairing rate is very low and can continuously work for at least 5 hours, and the energy won’t weaken.

Easy Operation:
Intelligent Color Screen System installed with sensitive reaction, Micro computer counts the shoots, modularization management, so that the operator can use it easily.

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and exactly.

**Ergonomic Design:**
Portable and Aseismatic Design, making it be convenient for transportation.

Patent design of Hand piece with adjustable laser lens and Aiming Beam, which can be sure the treatment area, such as eyebrow, to be accurate positioning.

The metal Hand piece Pole to reduce the weight, the treatment can be more exactly and it saves time, strength and wastage.

**Curative Effect Contrast Figures:**

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