Medical Q Switched ND YAG / Dye Laser with Four Wavelength

TY-B90++

<table>
<thead>
<tr>
<th>Wavelength</th>
<th>Energy Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>1064nm</td>
<td>1.6J</td>
</tr>
<tr>
<td>532nm</td>
<td>500mJ</td>
</tr>
<tr>
<td>585nm</td>
<td>350mJ</td>
</tr>
<tr>
<td>650nm</td>
<td>150mJ</td>
</tr>
</tbody>
</table>

**Technical Specifications**

- **Laser type**: ND YAG / Dye Laser
- **Wave length**: 1064nm, 532nm, 585nm, 650nm
- **Max output energy**: 1.6J at 1064nm
- **Control system**: Digital micro computer control system
- **Frequency**: 1-10HZ
- **Cooling system**: Water cooling system
- **Body material**: Metal
- **Size**: 450(W)x770(L)x850(H)mm
- **Voltage**: AC 220V/110V 50/60HZ 10A

**Technical Advantages**

- **Doubling Lamp, Doubling Crystal**
- **EO Active Q Switch Technology**
- **Gaussian Distribution Laser**

**Medical Q Switched Laser**

Four Wavelength Functions for All Colors Tattoo Removal

1.6J @ 1064nm

6ns Ultra-short Pulse Width

- Based on EO active Q switch technology, the pulse width can reach 6ns.
- The shorter of pulse width, the clearer colors will be removed.
- 1064nm & 532nm Spotsize at range of 0-9mm adjustable. Doctors only need to screw the headpiece to get a spotsize which needed for different treatments.
- 585nm & 650nm spotsize is 1mm, not adjustable.

**Doctors Recommend**

- Shiri Mayblum . M.D. Tel Aviv-Yafo, State of Israel.
- Dheeraj Gaurav Harish . M.D. New Delhi, India.

**ND YAG / Dye Laser Tattoo Removal System**

- 1600mj @ 1064nm
- 500mJ @ 532nm
- 350mJ @ 585nm
- 150mJ @ 650nm

Spotsize Adjustable

According to light absorption theory, four wavelength works for all colors tattoo removal.

- 1064nm, invisible. Black, dark colors removal.
- 532nm, green laser. Red, blown colors removal.
- 650nm, red laser. Green colors removal.
- 585nm, yellow laser. Purple colors removal.

**Technical Specifications**

- Laser type: Q Switched Nd Yag Laser / Dye Laser
- Laser generator: Doubling lamp, doubling crystal generator
- Q switch type: EO active Q switch technology
- Spot size: 6ns, Gaussian distribution laser beam
- Germany made porcelain focus cavity
- Electric-Optical active Q switch technology creates a 6ns ultra-short Pulse width. The laser resonance oscillation system depends on how short the electric pulse offered.
- Q switch using a Cr.Yag crystal, the pulse width is much shorter and pulse width is not change when laser energy increased.
- 1064nm is the source for 532nm, and also the source for 585nm & 650nm. Actually doubling lamp doubling crystal system, will double the energy of 1064nm. The energy of single pulse of 1064 nm can reach 2000mj, This will hugely increase the effectiveness for treatments.
Technical Specifications

Laser type
ND: Yag laser

Laser generator
Single lamp, double crystal

Q switch type
EO active Q switch technology

Wavelength
1064nm, 532nm

Max energy output
1 J at 1064nm

Control system
Digital micro computer control system

Spot size
0-9mm diameter

Laser conduct
Seven-joints articulated arm

Indicator
Diode 650nm laser

Frequency
1-10HZ

Cooling system
Water cooling system

Body material
Metal

Size
450(W)x3000(L)x850(H)mm

Voltage
AC 220V/110V 50/60HZ 10A

Medical Q Switched ND YAG Laser
Jupiter TY-B90+

532nm
1064nm

ND YAG Laser Tattoo Removal System

Technical Advantages

- One Lamp, Doubling Crystal
- EO Active Q Switch Technology
- Gaussian Distribution Laser Beam
- Metal Frame Design

It is to use the same energy density to achieve the lowest rate of energy density and the lowest amount of side effect. So we can achieve a better effect. The rate of all, the safest way.

Aiming at the same goal, we have to think about the shortest treatment time. It is the most important for you to decide the treatment time.

Technical Advantages

- One Lamp, Doubling Crystal
- EO Active Q Switch Technology
- Gaussian Distribution Laser Beam
- Metal Frame Design

Based on EO Active Q switch technology, the pulse width can reach 6ns.


1000mj @ 1064nm
500mj @ 532nm

1064nm & 532nm Spotsize at range of 0-9mm adjustable.

Doctors only need to screw the headpiece to get a spotsize which needed for different treatments.

This ultra-short pulse width will be very effective for chloasma, age speckles removal.

20 ns

Two wavelength switched on screen, easy operation.

Doctors Recommend:

Adamo Alexander M.D., Rome, Italy.

Andreas M.D., Stockholm, Sweden.

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ND: Yag laser

Laser generator
Single lamp, double crystal

Q switch type
EO active Q switch technology

Wavelength
1064nm, 532nm

Max energy output
1 J at 1064nm

Control system
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Spot size
0-9mm diameter

Laser conduct
Seven-joints articulated arm

Indicator
Diode 650nm laser

Frequency
1-10HZ

Cooling system
Water cooling system

Body material
Metal

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450(W)x3000(L)x850(H)mm

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Jupiter TY-B90+

532nm
1064nm

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532nm
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532nm
1064nm

ND YAG Laser Tattoo Removal System

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Jupiter TY-B90+

532nm
1064nm

ND YAG Laser Tattoo Removal System

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### Technical Specifications

**Nevus of Ota**

- **Laser type:** ND: Yag laser
- **Wavelength:** 1064nm, 532nm
- **Max energy output:** 1000mj at 1064nm
- **Control system:** Digital micro computer control system
- **Body material:** Metal
- **Size:** 300(L) x 350(W) x 250(H) mm
- **Voltage:** AC 220V/110V 50/60HZ 10A

**Tattoo**

- **Laser type:** ND: Yag laser
- **Wavelength:** 1064nm, 532nm
- **Max energy output:** 1000mj at 1064nm, 500mj at 532nm
- **Spot size:** Adjustable (0-7mm)
- **Cooling system:** Water cooling system
- **Body material:** Metal
- **Size:** 300(L) x 350(W) x 250(H) mm
- **Voltage:** AC 220V/110V 50/60HZ 10A

**Chloasma**

- **Laser type:** ND: Yag laser
- **Wavelength:** 1064nm, 532nm
- **Max energy output:** 1000mj at 1064nm, 500mj at 532nm
- **Spot size:** Adjustable (0-7mm)
- **Body material:** Metal
- **Size:** 300(L) x 350(W) x 250(H) mm
- **Voltage:** AC 220V/110V 50/60HZ 10A

### Laser Tattoo Removal

**Jupitor TY-10**

- **Wavelength:** ND: YAG, 1064nm, 532nm
- **Max energy output:** 1000mj at 1064nm
- **Spot size:** Adjustable (0-7mm)
- **Cooling system:** Water cooling system
- **Body material:** Metal
- **Size:** 300(L) x 350(W) x 250(H) mm
- **Voltage:** AC 220V/110V 50/60HZ 10A

**Technical Advantages**

- Laser Headpiece: Light-designed laser headpiece, easy to hold and comfortable for doctors.
- Cr: YAG Crystal Q Switch Technology: Based on Er: YAG Crystal Q Switch Technology, the pulse width can reach 20ns, suitable for different treatments.
- Gaussian Distribution Laser Beam: The laser beam is distributed evenly, ensuring better treatment results.
- All-Metal Design: All metal construction, ensuring durability and safety.

**Technical Features**

- Laser headpiece designed to be held easily without causing fatigue.
- German-made porcelain focus cavity improves laser resonance oscillation and beam quality.
- Compact all-metal design for portability.

**Modifications**

- **Nevus of Ota**: Black, dark colors removal.
- **Tattoo**: 1064nm, invisible.
- **Chloasma**: 1064nm, 532nm, effective for different treatments.
Technical Specifications

<table>
<thead>
<tr>
<th>Laser Tattoo Removal</th>
<th>Jupiter TY-8</th>
</tr>
</thead>
<tbody>
<tr>
<td>ND:YAG Laser Tattoo Removal System</td>
<td></td>
</tr>
<tr>
<td>Two Wavelengths</td>
<td>532nm &amp; 1064nm</td>
</tr>
<tr>
<td>Spotsize Adjustable</td>
<td>5-7mm adjustable</td>
</tr>
<tr>
<td>Ultra Short Pulse Width</td>
<td>20ns pulse width</td>
</tr>
<tr>
<td>Laser Headpiece</td>
<td>Light weight, portable, easy to hold for long treatment sessions</td>
</tr>
<tr>
<td>Cr:YAG Crystal Q Switch Technology</td>
<td>Based on Er:YAG Crystai Q Switch technology, pulse width can reach 20ns</td>
</tr>
<tr>
<td>Gaussian Distribution Laser Beam</td>
<td>Based on Porcelain focusing cavity, improves the effectiveness of laser resonance oscillation system, creates a better quality Gaussian distribution laser beam</td>
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<td>All Metal Design</td>
<td>Metal design, doctors can hold it easily without getting tired</td>
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Technical Advantages

- Laser Headpiece: Light weight, portable, easy to hold for long treatment sessions
- Cr:YAG Crystal Q Switch Technology: Based on Er:YAG Crystal Q Switch technology, pulse width can reach 20ns
- Gaussian Distribution Laser Beam: Based on Porcelain focusing cavity, improves the effectiveness of laser resonance oscillation system, creates a better quality Gaussian distribution laser beam
- All Metal Design: Metal design, doctors can hold it easily without getting tired

Nevus of Ota, Tattoo, Chloasma

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<thead>
<tr>
<th>Laser Type</th>
<th>ND:YAG Laser</th>
</tr>
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<tbody>
<tr>
<td>Laser Generator</td>
<td>Single Lamp, Single Crystal</td>
</tr>
<tr>
<td>Spotsize</td>
<td>5-7mm adjustable</td>
</tr>
<tr>
<td>Wavelength</td>
<td>1064nm, 532nm</td>
</tr>
<tr>
<td>Max Energy Output</td>
<td>1000mj at 1064nm, 500mj at 532nm</td>
</tr>
<tr>
<td>Power</td>
<td>1000mw</td>
</tr>
<tr>
<td>Cooling System</td>
<td>Water cooling system</td>
</tr>
<tr>
<td>Size</td>
<td>532mm x 350mm x 250mm</td>
</tr>
<tr>
<td>Weight</td>
<td>50kg</td>
</tr>
</tbody>
</table>

ISO 9001, CE, SFDA, FDA certified