



NEOSYS

1064nm / 532nm Q-switched Nd:YAG Laser System

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Q-switched Nd:YAG Laser System



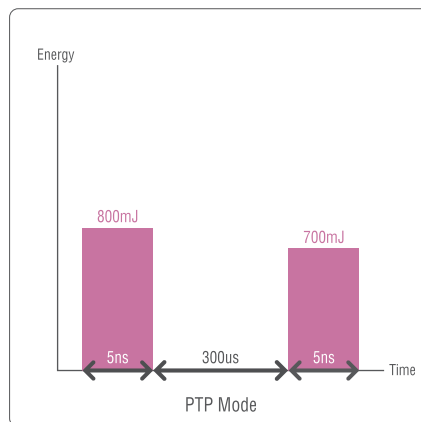
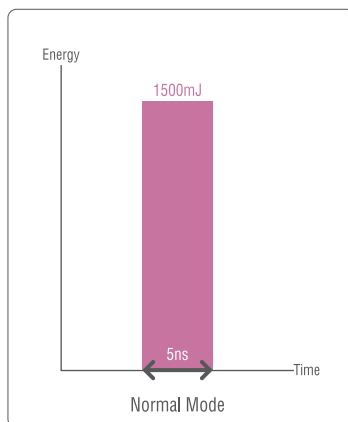
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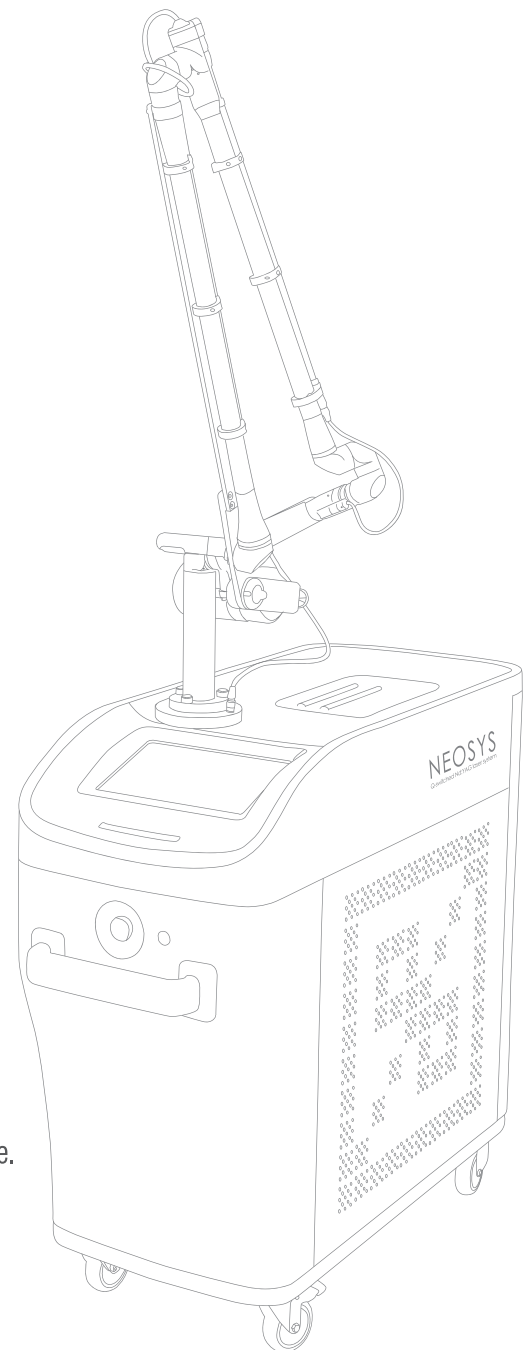
Features

- Powerful & stable output with Dual Chamber laser head
- Output energy up to 1.5J @1064nm, 532nm, 1.8J @PTP mode
- Durable alignment with Jig Frame
- Selective Zoom / Collimated handpiece
- PTP(Photoacoustic Toning pulse) mode
- Top-hat mode beam

PTP(Photoacoustic Toning Pulse) mode

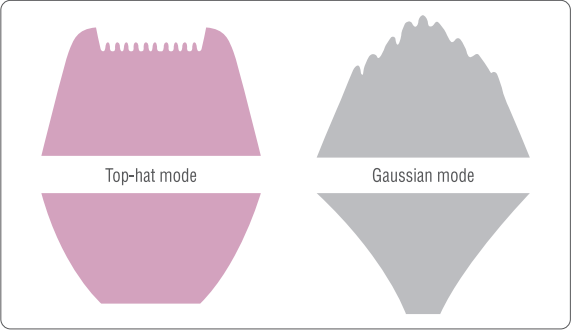


- It prevents too much damage of the surrounding tissue from rebounding melanin.
- PTP mode makes it better to mild treatment.
- After treatment, there is less downtime based on mild treatment with pulse to pulse.



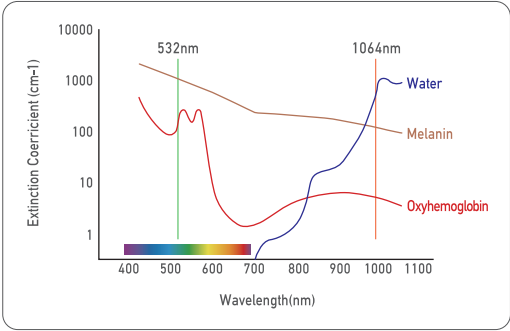


Top-hat mode

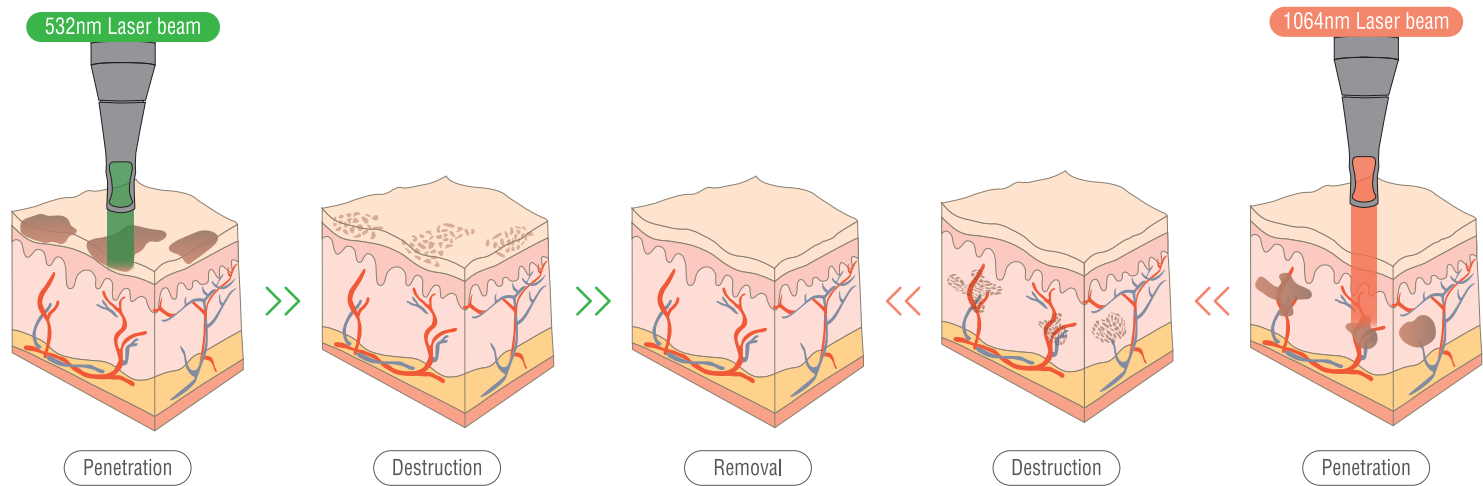


- Top-hat mode has stable energy level both in the center and at the edge evenly.
- The distribution of energy is not even with Gaussian mode and it's usually concentrated on the center.

Selective Photothermolysis



- Laser beam which applied to alive tissue has different effects on tissue components that depend on absorption spectrum.
- They are called skin chromophore and have different absorption band.



Indications

- » Tattoo removal
- » Melasma(Laser toning mode)
- » Nevus of Ota, Ito
- » Freckles
- » Cafe au Lait Macule
- » Solar lentigines

NEOSYS1064nm / 532nmQ-switched Nd:YAG Laser System

System Specifications

| | |
|-------------------------|--|
| Module | Q-switched Nd:YAG Laser |
| Wavelength | 1064nm/532nm |
| Pulse Width | 20ns (Soft Peel mode: 300us) |
| Output Energy | 1064/532nm: 1500mj / PTP mode: 1800mj |
| Control panel | Touch screen input interface |
| Electronic control | Microprocessor |
| Repetition rate | 1, 2, 5, 10 Hz |
| Spot Size | 2 to 10mm (2,3,4,5,6,7,8,9,10mm) |
| Pulse control | Foot switch |
| Beam delivery | 7 jointed articulated arm with counter balance |
| Cooling Requirements | Water cooling |
| Electrical Requirements | AC 230V 16A (50/60Hz single phase) |
| Dimensions | 850(H), 385(W), 950(D) |
| Weight | 80Kg |