

## 300ps aesthetic OEM-oriented picosecond laser

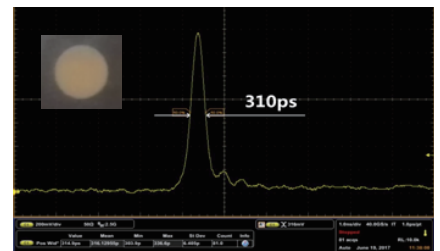
Peak-Q laser is an aesthetic OEM-oriented picosecond laser, which has been regarded as a short-pulse laser of the latest generation for skin pigmentation removal and tattoo removal.

Peak-Q laser adopts the patented seeding and multi-pass MOPA techniques to generate powerful laser pulses with pulse duration as short as 300ps. More than  $2\text{GW}/\text{cm}^2$  high intensity, together with uniform beam distribution, makes Peak-Q an excellent laser source for skin cosmetics due to its better therapeutic effects and lower aching feeling compared with traditional nanosecond Q-switch lasers.

Peak-Q laser offers power supply, articulated arm, handpiece and control system solutions to accelerate customers' system integrated progress. Relevant CE and RoHs certificates indicate Peak-Q is a safe and mature engine for the aesthetic equipment.

## Features

- Highest cost-effective ps laser ever, which makes your cosmetics device more competitive
- 300 picoseconds with 500mJ pulse energy
- Perfect flat-top beam distribution
- Extremely low power and cooling consumption
- Matched solutions: power supply and articulated arm
- CE and RoHs certificates



## Applications

- Pigment lesion clearance
- Removal of multi-colored tattoos
- Skin care of acne scarring
- Skin rejuvenation via LIOB process



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## Specifications

Model	Peak-Q
Repetition Rate	1-10Hz
Single Pulse Energy	1064nm: 500 mJ 532nm: 250 mJ
Energy Stability	1064nm: $\leq 3\%$ 532nm: $\leq 5\%$
Pulse Width	1064nm: 300-400ps 532nm: 300-350ps
Divergence	$\leq 1\text{mrad}$
Beam Diameter	10mm
Beam Profile	Top-hat
Cooling	Air to water
Electrical Service	220V-50/60Hz-10A
Power Consumption	800W
Cooling Consumption	$\geq 800\text{W}$ (10 C temperature difference compared to environment)

## Dimensions

