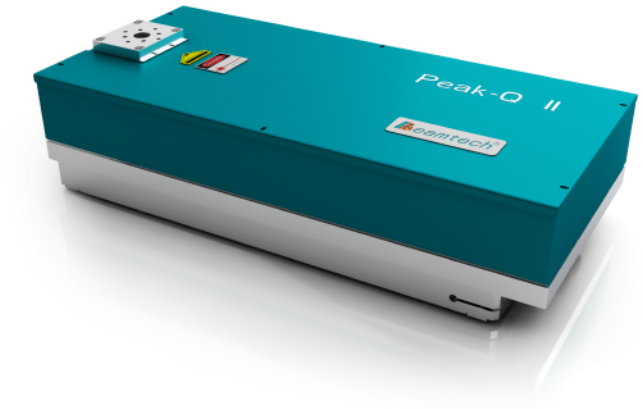
Peak-Q II laser



500ps aesthetic OEM-oriented picosecond laser

Peak-Q II model laser applies advanced seeding technology and provides the cost effective picosecond laser to our customers. With 500ps pulse width and 500mJ energy output, together with perfect flat-top beam distribution, the high peak power allows the new generation method of pigmented disease treatment and tattoo removal applications. With patented one-lamp-two-rod cavity and multipass amplifier design, Peak-Q II is compact picosecond laser commercially available and only requires less than 800W for both power supply and cooling power consumption.

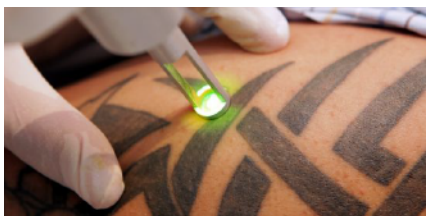
At beginning of 2018, Peak-Q II model officially acquired CE and RoHS certification, which enables this model the safe and mature choice.

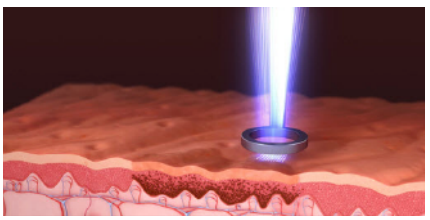
Features

- Cost-effective ps laser, which makes your cosmetics device more competitive
- 500 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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TÜVRheinland® Certificated

TÜV CERT ISO9001:2015

CE

Specifications

Model		Peak-Q II
Repetition Rate		1-10Hz
Single Pulse Energy	1064nm	500 mJ
	532nm	250 mJ
Energy Stability	1064nm	≤3%
	532nm	≤5%
Pulse Width	1064nm	500-600ps
	532nm	500-550ps
Divergence		≤1mrad
Beam Diameter		10mm
Beam Profile		Top-hat
Cooling		Air to water
Electrical Service		220V-50/60Hz-10A
Power Consumption		800W
Cooling Consumption		≥800W（10°C temperature difference compared to invironment）

Dimensions