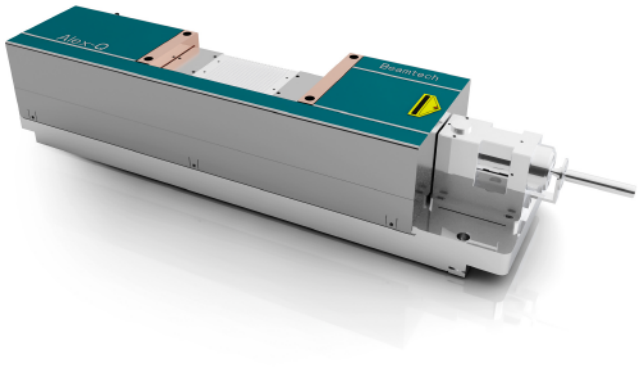
Alex-Q Laser

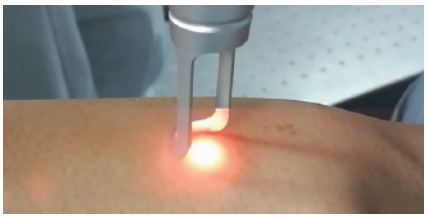


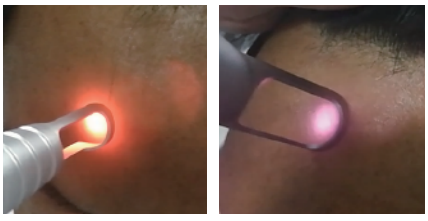
Features

- Unique 755nm wavelength
- Fiber-coupled output of Q-switch ns laser
- Uniform beam distribution
- High repetition rate up to 10Hz
- Zoom handpiece optional

Applications

- Tattoo removal
- Pigmentation removal, more suitable for melasma
- Skin rejuvenation
- Skin whitening





755nm Q-switch laser VS. 1064nm Q-switch laser

Fiber-coupled 755nm red Q-switch laser

Alex-Q is a novel aesthetic OEM-oriented alexandrite Q-switch laser, which is characteristic by 755nm wavelength, fiber coupled output and high repetition rate.

Benefiting from its unique red wavelength, Alex-Q possesses a higher absorptivity of melanin and an extremely low absorptivity of hemoglobin compared with traditional Nd:YAG Q-switch laser. This property plays a key role in therapeutic effects on intractable pigmentation, like melasma, while minimizing the laser radiation damage to the normal tissue.

In addition, advantages of Alex-Q consist in its uniform beam distribution after the fiber and high repetition rate up to 10Hz. Both of them make Alex-Q a potential candidate of Ruby Q-switch laser in the future.

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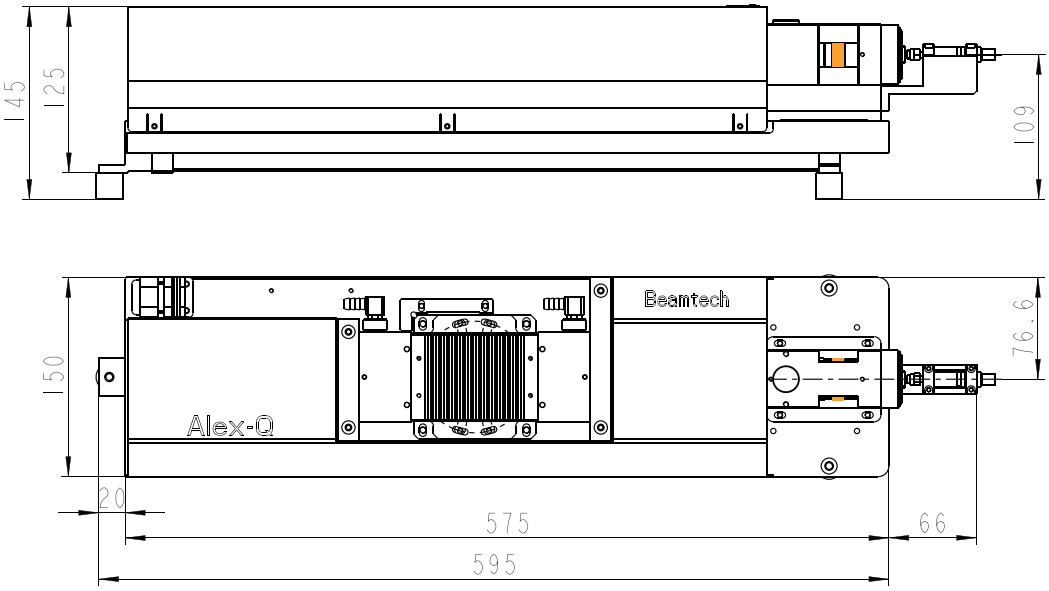
Specifications

Models	Alex-Q
Wavelength	755nm, red color
Output coupling	Optical fiber
Single pulse energy	>500mJ after the fiber
Energy stability (RMS)	≤3%
Pulse duration	70ns
Max repetition rate	10Hz
Beam profile	Flat top after the fiber
Beam diameter	2-9 mm adjustable, zoom handpiece optional
Power consumption	2000W
Cooling type	Air to water
Laser head size	575mm×150mm×125mm

Dimensions



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