

ALICE-NS(C) series

Q-switched Nano-second medical OEM laser



FEATURES

- 50-600mJ at 1064nm / 50-300mJ at 532nm
- 1-10 Hz repetition rate / 6 ns pulse duration
- Incorporate Microoptics Mirror to provide outstanding Top hat spatial profile
- Compact and reliable resonator structure ensures long-term thermal and mechanical stability

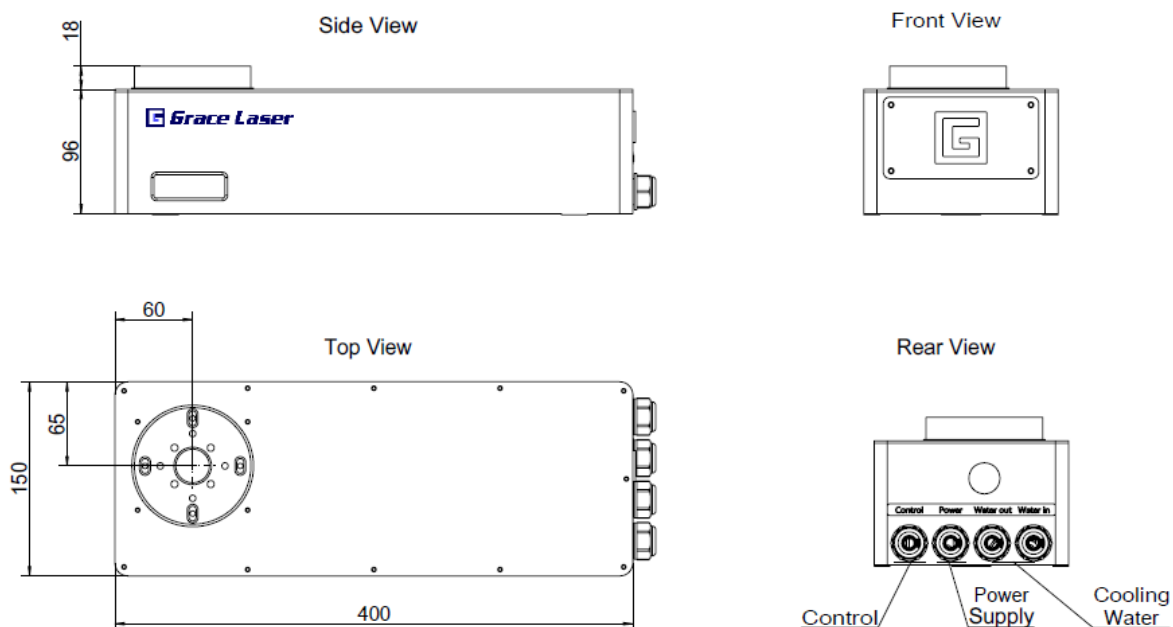
APPLICATIONS

- Medical Beauty
- Chloasma removal
- Tattoo removal
- Skin pigment treatment

ALICE-NS(C) laser series all feature a efficient single Nd:YAG rod design, and Microoptics Mirror coupled flat top output. Supply system and optical system layered structure both contribute to ALICE-NS(C) lasers' long term high performance and reliability.

ALICE-NS(C) Laser Head Mechanical Specifications

Unit: mm



ALICE-NS(C) series Specifications



Q-switched Nano-second medical OEM laser

Beam characteristics

Version	ALICE-NS
Repetition Rate ¹ (Hz)	1-10Hz
Energy (mJ)	
1064nm	600mJ
532nm	300mJ
Energy Stability RMS (%)	
1064nm	1%
532nm	1.5%
Power Drift ² (%)	
1064nm	2%
532nm	3%
Pulsewidth FWHM ³ (ns)	6ns
Beam Diameter (mm)	~8
Beam Spatial Profile	Top hat
Polarization	linear

General characteristics

AC Input	220 VAC ±5% 50-60Hz
Power Consumption	<0.5kW (typical 600mJ at 10Hz)
Operating Conditions	Temperature 20-35°C Humidity <60%

NOTES

- 1.All specifications at 1064nm and 10Hz repetition rate unless otherwise noted.
- 2.Average in 8 hours with room temperature variation $\delta T < 3^{\circ}\text{C}$.
- 3.Full width at half maximum.



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