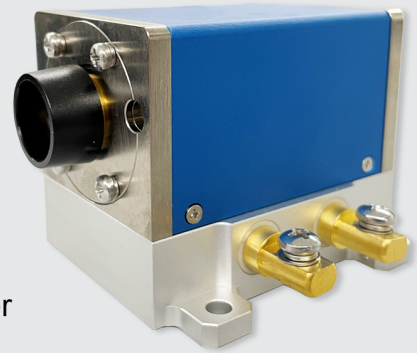
CW DIODE PUMP MODULE

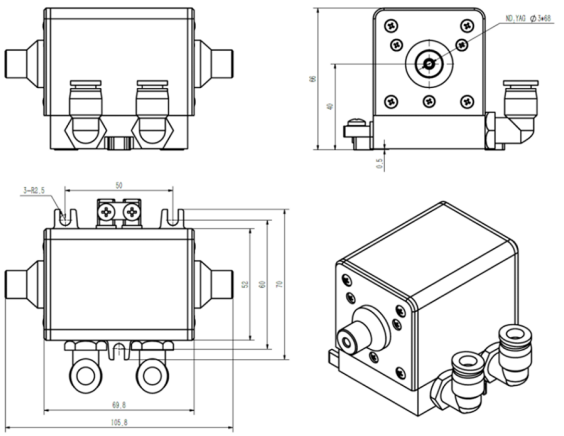
Features :

- High pump efficiency
- High gain uniformity
- Macro channel water cooling
- Low maintenance cost

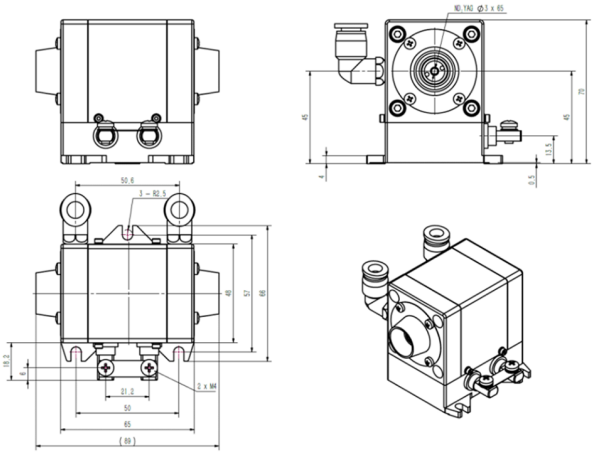


Applications :

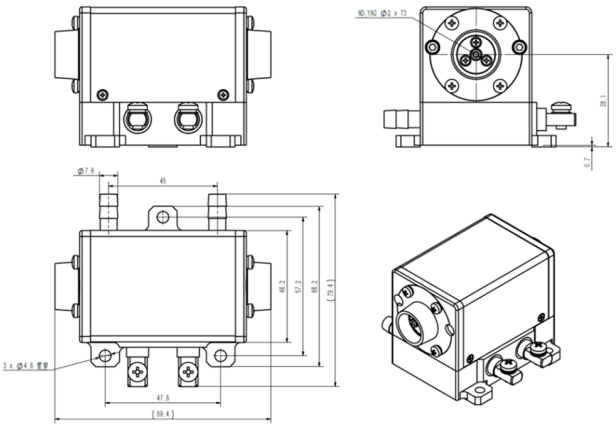
- Laser Cutting
- High gain pulse pump amplifier
- Laser Marking
- Diamond Cutting
- Nano/Pico-second Laser Amplifier



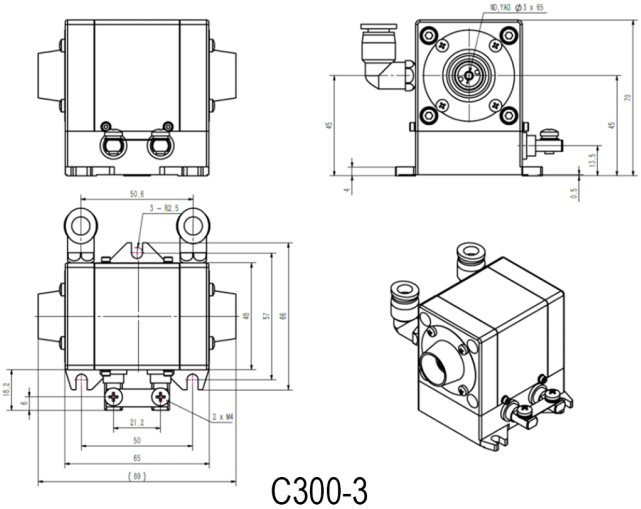
C270-3



C240-3



C300-2



C300-3

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Technical Data

Parameters	C240-3	C270-3	C300-3	C300-2	C1000-7	C1500-7
Pumping Wavelength	808±3 nm					
Pumping Bandwidth	5nm					
Wavelength Shift with Temp.	0.28nm/°C					
Pumping Power	240W	270W	300W	300W	1000W	1500W
Threshold Current	8A	8A	10A	10A	10A	10A
Operating Current	20A	18A	25A	25A	25A	25A
Operating Voltage	23V	28V	28V	28V	76V	120V
Active Medium						
Nd:YAG Doping	0.6 at.%					
Emission Wavelength	1064nm					
Output Power	50W	75W	100W	50W	300W	500W
Rod Size	Φ3x65mm	Φ3x78mm	Φ3x65mm	Φ2x65mm	Φ7x125mm	Φ7x165mm
Environmental Requirements & Mechanics						
Water Cooling Temp.	25°C					
Water Input Pressure	0.3~0.5MPa					
Water Flow Rate	4L/min	4L/min	4L/min	4L/min	10L/min	12L/min
Weight	1kg	1kg	1.5kg	1.5kg	4kg	4.5kg

NOTE

1. Specification at around temperature 25 ℃, at the initial lifetime.
2. Output power & crystal dimension can be customized as needed.
3. Follow the LumiSpot operating instruction manual.
4. Any other questions, please contact us.
5. Storage and operation in a non-condensing environment is required at temperatures below ambient.

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