



QCW Laser Pumping Source

PH 450-1800W QCW

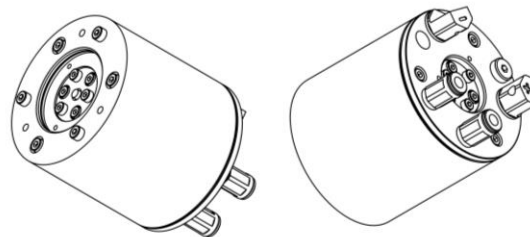
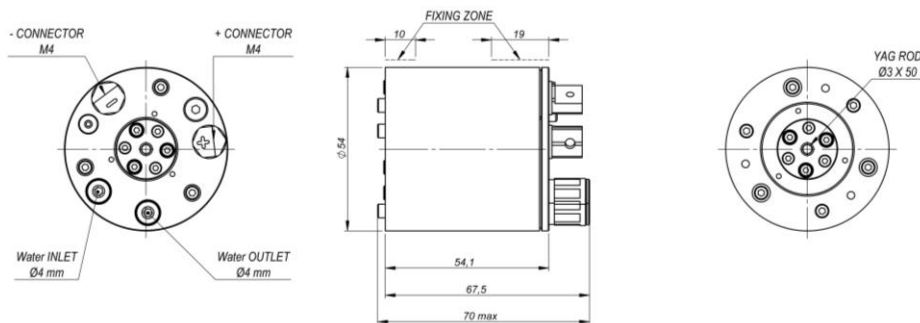
Features:

- QCW operation mode
- Free rotation of the pumping chamber
- Solder-free clamping technology inside
- Longer lifetime

Intended for:

- Laser pumping

Outline PH 450-1800W QCW



PH / 450W to 1800W QCW

Product specification are subject to change without notice.
For complete details, please contact your local MONOCROM sales representative.

UNE EN ISO 9001:2015

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PH 450-1800W QCW I TECH Specifications

	PH-450	PH-900	PH-1200	PH-1800
Laser Source				
P_{peak} (W)	450	900	1200	1800
I_{op} (A)	150	150	180	270
V (V _{dc})	6	12	12	12
Pumped length (mm)	11	23	23	23
Optical parameters				
t_{pulse} (μs)		Up to 500		
Rep. rate (Hz)		Up to 1000		
Rod diameter (mm)		2 to 4		
Rod material	Nd:YAG		Nd:YLF	
Nd concentration	0,4% to 1%		0,4% to 2%	

No mechanical stress

Our patented solder-free technology is used in our diode bars stacks. Thanks to it clamped bars expand and contract freely during the thermal cycles of the pulsed regime avoiding mechanical stress.



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