

CONQUEROR-series

	YAG 532_1	YVO ₄ 532_3	YVO4 532_14VSP	YAG IR_3	YVO4 IR_3.5	CW_12
Betriebsart / Mode of operation	gepulst / pulsed	gepulst / pulsed	gepulst / pulsed	gepulst / pulsed	gepulst / pulsed	CW
Leistungsklasse power class	1W	3W	14W	3W	3,5W	12W
Wellenlänge Wavelength	532 nm	532 nm	532 nm	1064 nm	1064 nm	532 nm
Strahlqualität Beammode	TEM ₀₀	TEM ₀₀	TEM ₀₀	TEM ₀₀	TEM ₀₀	TEM ₀₀
M ²	< 1.2	<1.3	< 1.2	< 1.3	< 1.3	< 1.1
Polarisation	Linear > 100:1					
max. Pulsenergie max pulse energy	400 µJ	400 µJ	450 µJ	650 µJ	250 µJ	
minimalste Pulsweite minimal Pulse width	7ns	7ns	7ns	7ns	7ns	
Repetitionsrate Repetition rate	1 Hz - 50kHz	1 Hz - 100kHz	1 Hz - 500kHz	1 Hz - 50kHz	1Hz - 100kHz	
mittlere Leistung average outputpower	1W @ 6kHz	3W @ 10kHz	12W @ 50kHz (12ns)	3W @ 10kHz	3W @ 100kHz	
Laserklasse laser class	4	4	4	4	4	4
Kühlung cooling	Ausschließlich Luftkühlung entirely air-cooled					
Kühlungssystem cooling system	Thermo elektrische Kühlung Thermo electric cooling					
Elektrischer Anschluss electrical ratings	24 VDC					
Leistungsaufnahme power consumption	< 200W	< 200W	< 200W	< 200W	< 200W	< 200W
Abmessungen Laserkopf dimensions laser head	181mm x 75mm x 43mm	181mm x 75mm x 43mm	181mm x 75mm x 43mm	181mm x 75mm x 43mm	181mm x 75mm x 43mm	181mm x 75mm x 43mm
Gewicht Laserkopf weight laser head	~2kg	~2kg	~2kg	~2kg	~2kg	~2kg
Abmessungen Versorgungseinheit dimensions control unit	150mm x 150mm x 153mm	150mm x 150mm x 153mm	150mm x 150mm x 153mm	150mm x 150mm x 153mm	150mm x 150mm x 153mm	150mm x 150mm x 153mm
Gewicht Versorgungseinheit weight control unit	~4kg	~4kg	~4kg	~4kg	~4kg	~4kg

We reserve the right to make technical modifications without prior notice. Errors and omissions excepted. 10% tolerances for measured values.