

NEW PRODUCT

**>200 Watts @ 2.1 μ m
5J @ 40 Hz**

Holmium	
67	164.93032
Ho	
[Xe] 4f ¹¹ 6s ²	
175 pm	581.0 kJ·mol ⁻¹
3	8790 kg·m ⁻³
1.23	1461/2720 °C

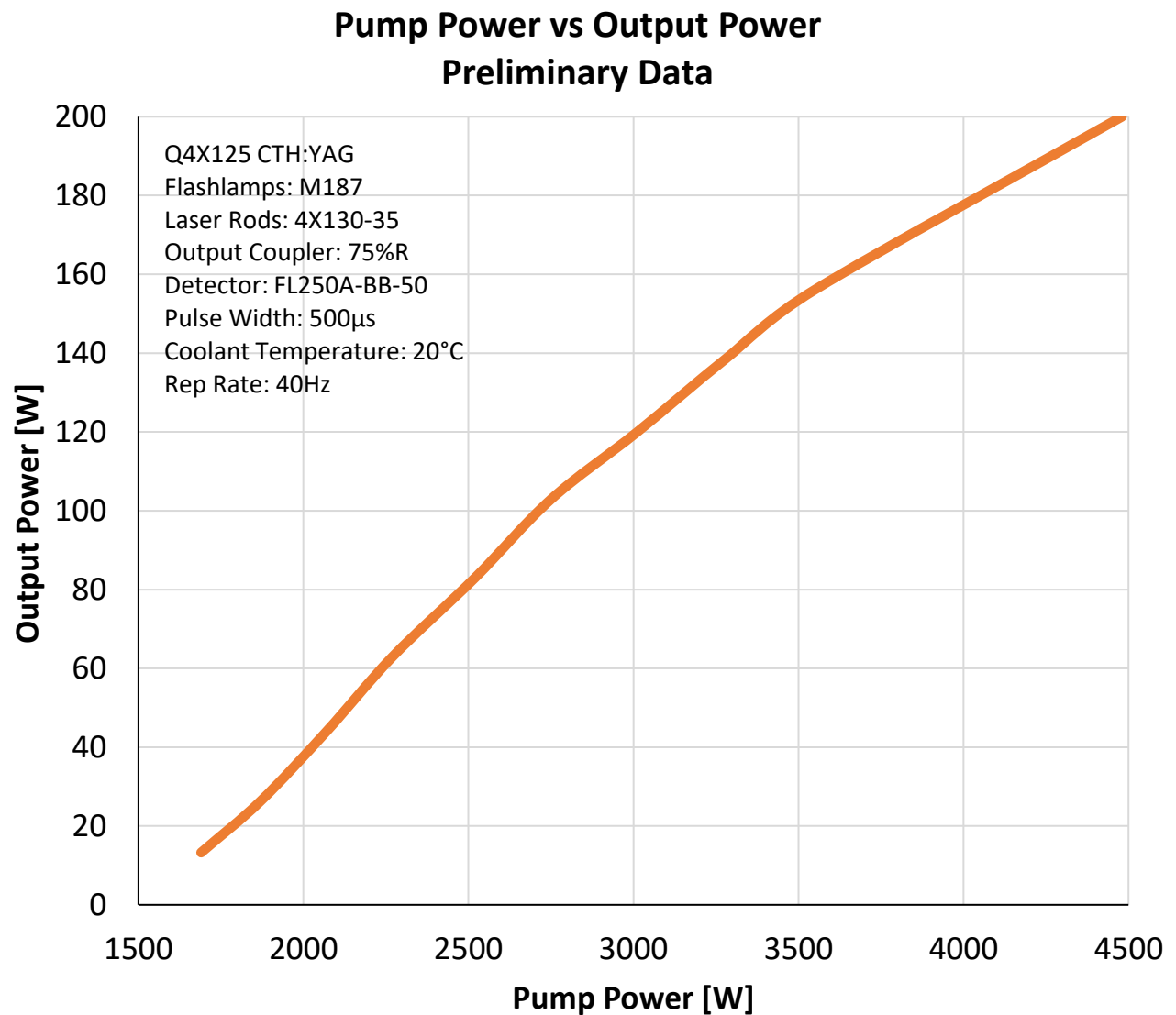
Q4X125 Resonator PRELIMINARY DATA

Compact, Water-Cooled, Flashlamp-Pumped Ho:YAG Pump Chamber

Table of Standard Specifications for Q4X125-CTH			
Parameter	Value	Unit	Notes
Wavelength	2.1	μ m	
Resonator Output	>200	W	@40Hz & 500 μ s
Lamp Voltage	780	V	@ 200 W & 500 μ s
Pulse Width Range	100-500	μ s	Nominal
Coolant Temp	20	°C	Typical (deionized H ₂ O)
Coolant Flow Rate	30	Liters/min	Minimum of 15LPM for each port
Repetition Rate	40+	Hz	Higher rates coming soon
Output Energy	5	J	@40Hz & 500 μ s
Divergence	11.1	mrad	Half-angle
Beam Quality (M ²)	27.4		

* Operation over 160 W or 4 J may cause a shortened lifetime of the laser resonator





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