



Infrared Laser Series - DPSS Lasers

PQS all in one

Ideal Solution
for OEM Integration



Features

- Ultra Compact Laser Marking Source
- Integrated Marking Head
- High Peak Power
- Excellent Beam Quality
- High Stability of Pulse Width and Peak Power

- Ease of integration in:
Final Test Benches/Benchttop Machine/production Lines

Applications

- Industrial Marking
- ID
- Material Processing
- Fine Ablation
- Micromarking

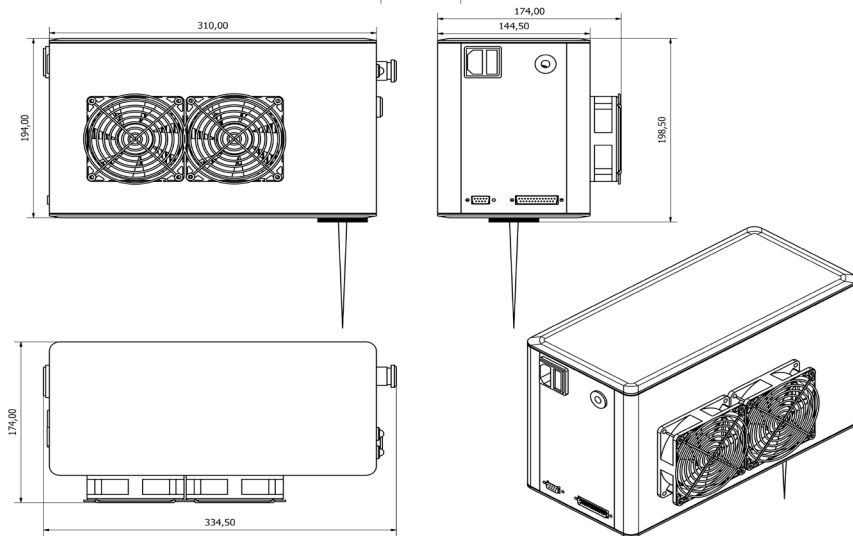


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	PQS1	PQS2	PQS5
Laser Type Medium	Nd:YAG	Nd:YAG	Nd:YAG
Wavelength [nm]	1064	1064	1064
Max average output power CW [W]	1	2	5
Rep. Rate [kHz]	18 @ Max Power	25 @ Max Power	25 @ Max Power
Pulse width [ns]	4	3	9
Max pulse energy [μ J]	60	100	230
Max peak power [kW]	15	33	25
Beam quality [M ²]	<1.3	<1.3	<2
Output beam diameter (*) [mm]	4	4	5
Marking Head	Internal	Internal	Internal
Focal Lens (M39-m85 as option)	100mm (marking area 50x50mm)-160mm (marking area 100x100mm)		
Compliance	2004/108/CE; 2006/95/CE; EN60950-1; EN 608225-1; EN 12626		

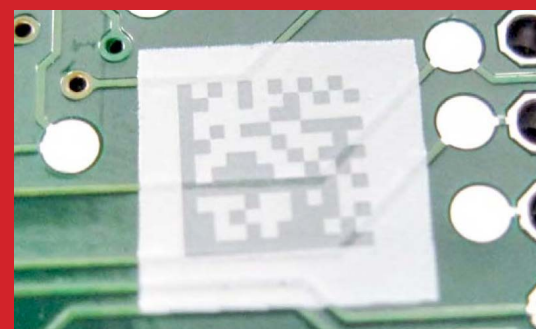
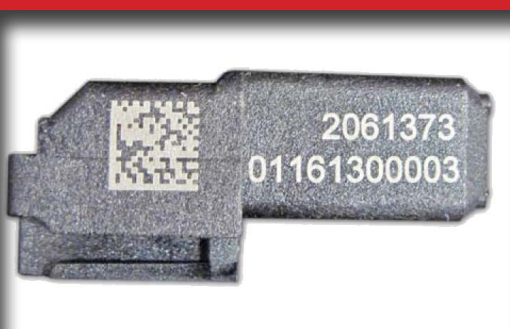
*Different Beam Diameter available upon request



Specifications are subject to variations and updates without notice.
 Class 4 laser source.
 This OEM laser component is for sale solely to qualified manufacturers, who shall provide interlocks, indicators and other appropriate safety features, in full compliance with 21 CFR 1040 and/or other applicable national and local regulations.



PQS Layout all in one



GAP Laser Systems s.r.l.
 A Certified and ISO 9001:2008 Company

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