

aq_s GAP NET tyl crystal diode libra UV sirio
 femto custom industrial 3D
 orion fiber laser head mirror venus
 Halin lens light dpss solutions

GAP LASER SYSTEMS

custom industrial solutions
 part of **HID**

355nm Laser - DPSS Lasers

VENUS UV

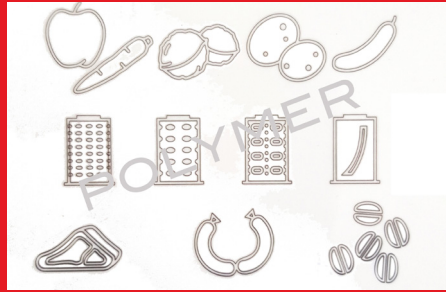
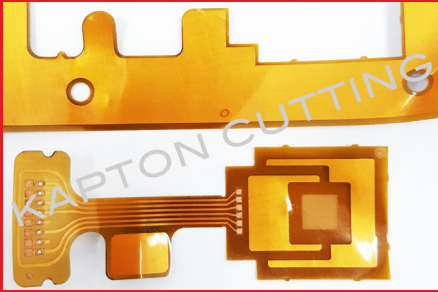
Laser Solutions for Fine Machining Application

Features

- High peak power and short pulses for reduced thermal damage
- Compact modular design
- Very High Resolution
- M2 < 1.2 TEM 00

Applications

- Fine material processing
- Kapton cutting
- Solar cell scribing
- Wafer dicing
- Wire stripping
- LED scribing
- Glass and plastic marking



355nm Laser - DPSS Lasers

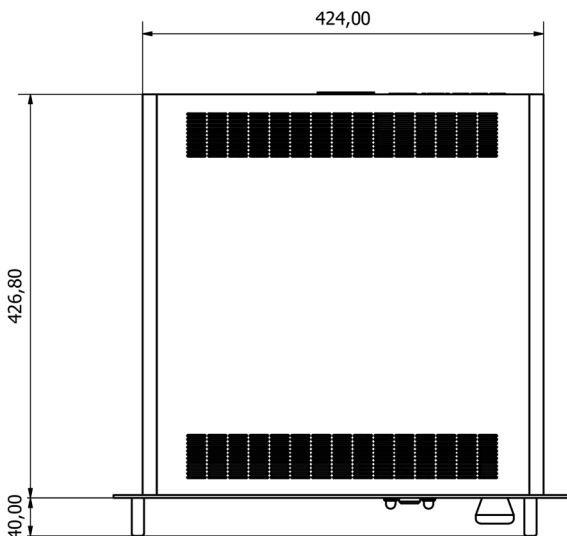
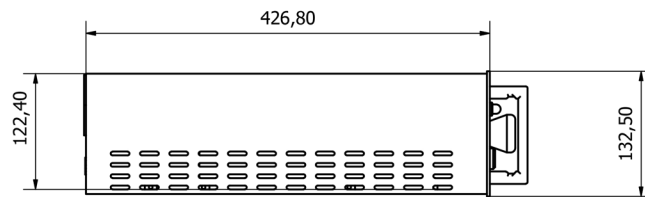
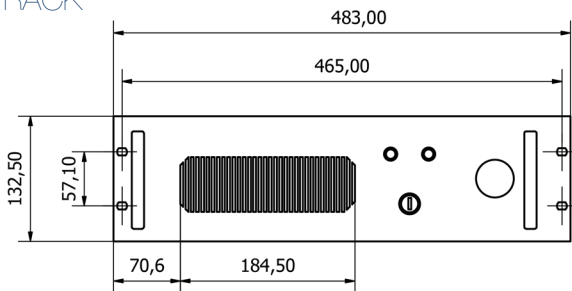
VENUS UV

VENUS UV

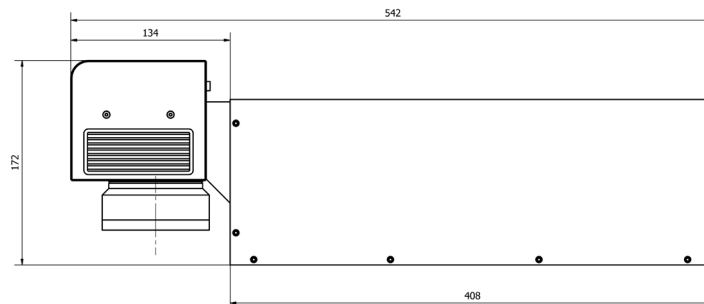
Operational mode	Q-switched DPSSL	
Wavelength	[nm]	355
Output Nominal Power	[W]	3W@40KHz @ beam expander output
Beam quality	[M2]	<1.2 TEM 00
Frequency range	[kHz]	20 - 200 in Q-Switch
Pulse width	[ns]	<10nsec.@ 40KHz
Power Supply	[Vac; Hz]	90-240 ; 50/60
Power consumption	[W]	<700W
Cooling system	Air	
Communication (**)	RS232	
Focal lens	160mm. (110x110mm.) or 254mm. (170x170mm.)	

*Different Beam Diameter available upon request **Ethernet available upon request

RACK



RESONATOR



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.



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



Via IV Novembre 116 - 21058 Solbiate Olona (VA) - Italy
Tel: +39 0331 072637 - Fax: +39 0331 072695
www.gaplaser.com - info@gaplaser.com

VENUS UV Layout