

aqsGAPNET tyl crystal diode libra sirio
femto custom head mirror Venus 3D
orion fiber laser head mirror lens light dppss solutions
Halin lens

GAP LASERSYSTEMS®

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IXL
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3D OEM-MARKER&FIBER VERSION

3D SCAN HEA'

3D Features

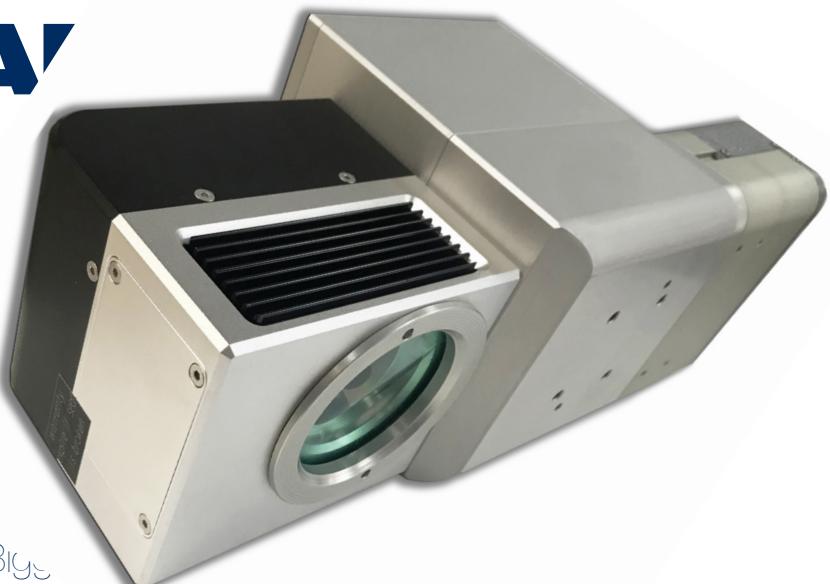
3D Liquid Crystal Lens Granting:

- High depth ranges
- High focusing accuracy
- No mechanical lens movements
- No external focal lens

Standard Optical Configuration with:

- Simil 160,254,330 mm.

Additional Optical Modue for Covering Bigs
Marking Area Till 1x1m.



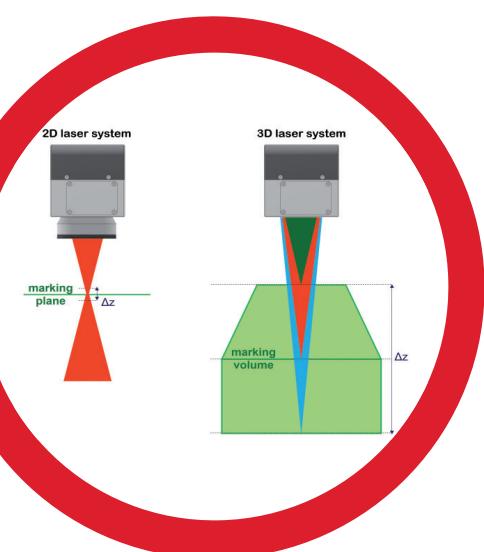
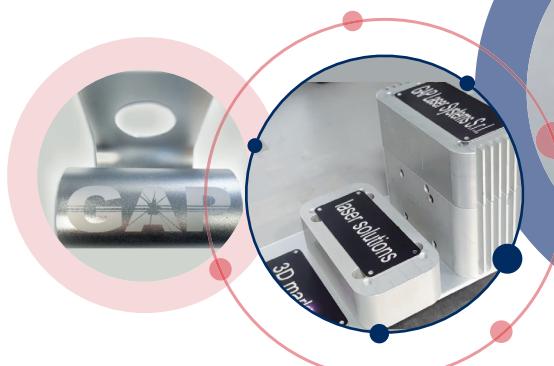
Applications

Marking on:

- Cylindrical, Spherical, Staggered, Inclined
- Full 3D surfaces

Easy and Fast Processing with STL

File Importing.

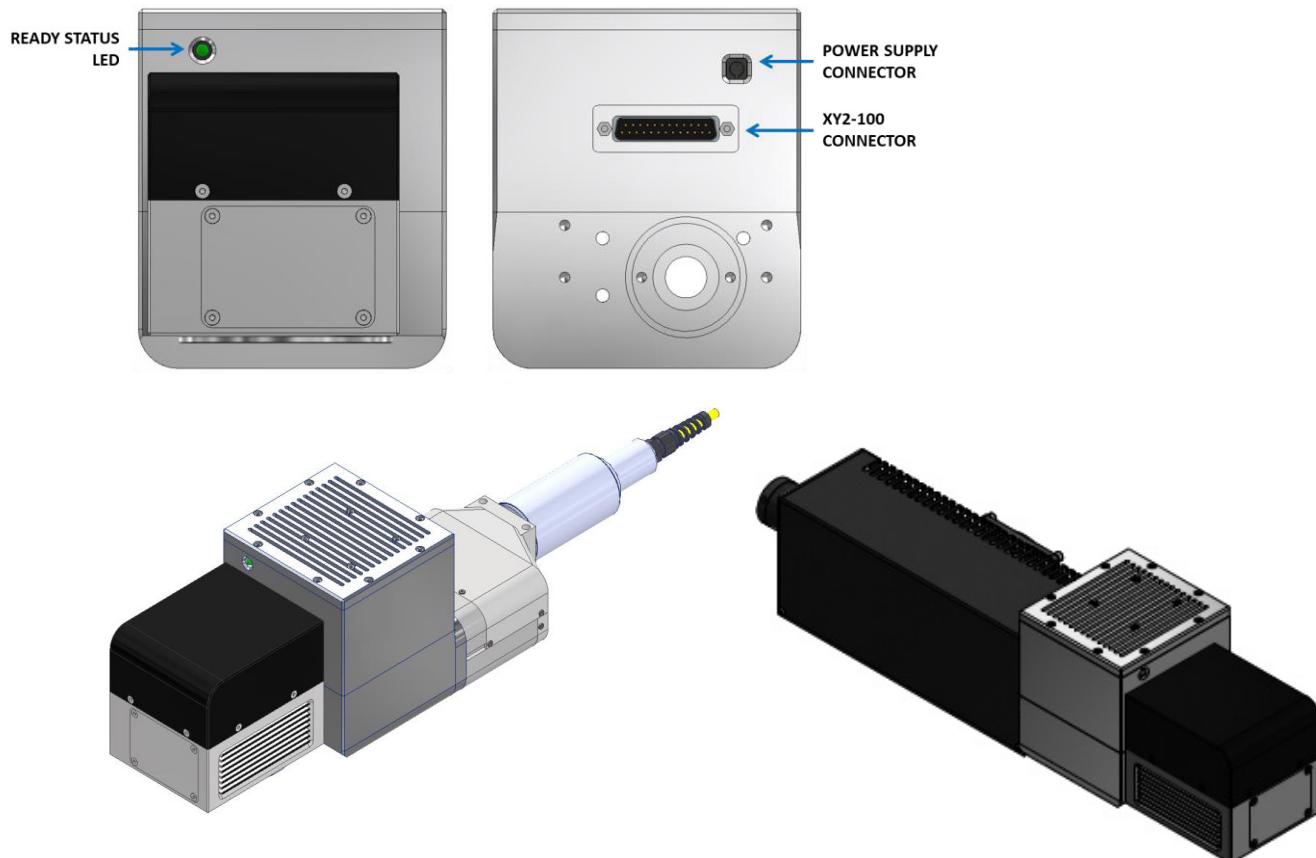


3D OEM-MARKER&FIBER VERSION

3D SCAN HEAD

	AQS10	Fiber 20W(*)	TYL12
Laser Type Medium	Nd:YVO4	Pulsed Fiber Laser	Q-switched DPSSL
Wavelength [nm]	1064	1060 ~ 1085	1064
Average Power [W]	10 CW	20	12 CW @ BEX output
Rep. Rate [kHz]	10 - 100 in Q-Switch	20-80	5 - 200 in Q-Switch
Beam quality [M2]	<2	<1.8	<1.5
Polarization		Random	
Pulse energy [mJ]	-	1@20 KHz	>800 @ 5kHz
Power Supply [Vac; Hz]	100-240V,50/60Hz-300VA	90-240 ; 50/60	90-240 ; 50/60
Cooling		Air to Air	
Communication		RS232 or Ethernet	

* 3D ALSO APPLICABLE TO FIBER LASER WITH 30W AND 50W AVERAGE POWER



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



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.



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3DAQS10/TYL12/FIBER Version