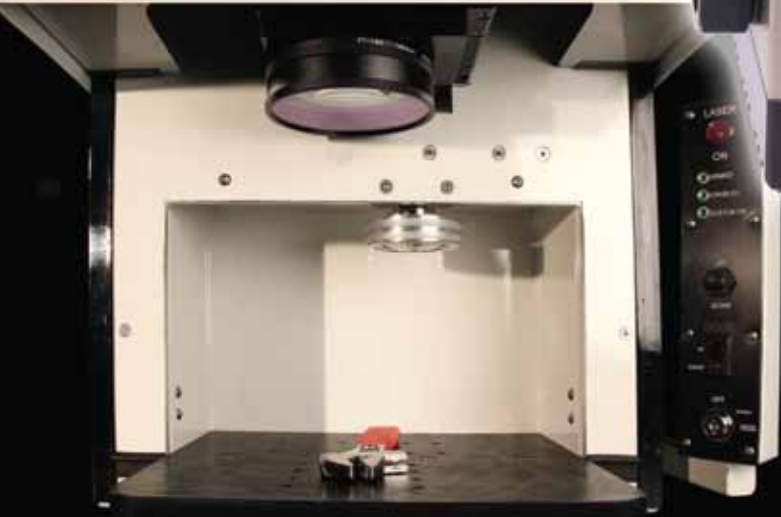




Vestige Series Lasers



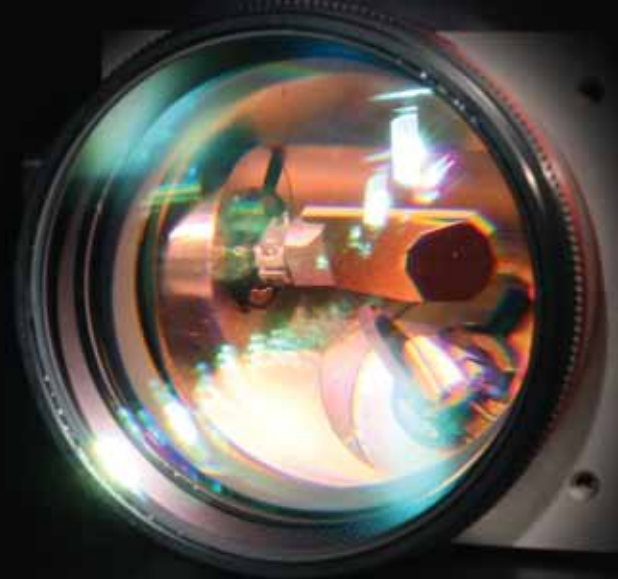
Working Area from :
50mm (1.968") to 230mm (9.055")

Power options from:
4W to 50W

Pulsed and Continuous Wave with the same laser

Modern design with modular options

Let our engineers help you choose a laser that
fits your exact marking requirements



GHOST - Integrator Package

Our flexible integrator package, Ghost, offers a world class quality solution.

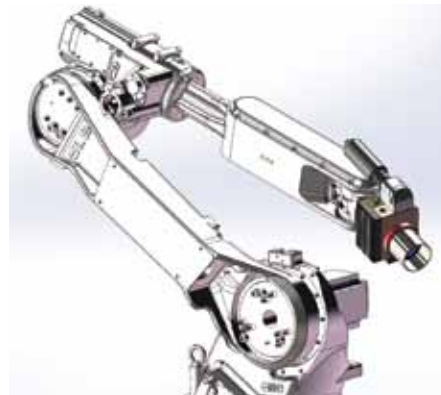


OPTIONS

- Right angle input/ output adaptor
- Integrated manual Z axis 1" travel
- Nozzle end effector
- Z axis: powered or manual any travel



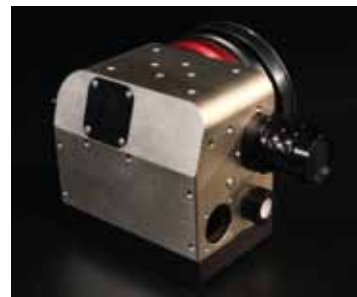
Optional IC Control Panel Assembly



Robot with scan head configured with right angle laser input and nozzle



Working Area - diameter	Working Distance
50mm (1.968")	71.6mm (2.819")
80mm (3.149")	107.5mm (4.232")
140mm (5.518")	170.16mm (6.699")
164mm (6.457")	187.6mm (7.386")
184mm (7.241")	267mm (10.512")
230mm (9.055")	312.9mm (12.319")



Commercial Off The Shelf Solutions (COTS)

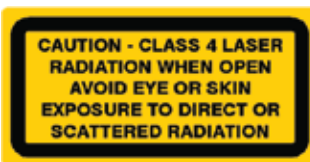
Specification	4W	6W	10W	20W
Mode of Operation	Pulsed	Pulsed	CW and Pulsed	CW and Pulsed
Wavelength	1064nm typ.	1064nm typ.	1080nm typ.	1080nm typ.
Pulse Duration	60-80ns	60-80ns	50ns	50ns
Pulse Rep. Rate	5-25Khz (passive)	5-25Khz (passive)	20-100Khz	20-100Khz

Custom Solutions

Specification	10W	20W	30W	50W
Mode of Operation	CW and Pulsed	CW and Pulsed	CW and Pulsed	CW and Pulsed
Wavelength	1064nm typ.	1064nm typ.	1080nm typ.	1080nm typ.
Pulse Duration	7-80ns typ.	7-80ns typ.	50ns typ.	50ns typ.
Pulse Rep. Rate	10-100Khz	10-100Khz	20-100Khz	20-100Khz

Compliance with Regulatory Requirements: The Vestige ghost is an OEM fiber laser. As such, it is intended only for integration into other equipment. This laser does not comply with CDRH requirements. The customer is responsible for CDRH certification of the system that incorporates this industrial laser.

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Quality Marking Equipment with Integrated Machine Vision Solutions