

PRODUCTS SERVICE COMPANY CONTACT

## CH SERIES HIGH POWER LASERS

## CH SERIES 4000/5000/6000-WATT LASERS FROM PRC OFFER HIGH POWER AND FIELD UPGRADEABILITY IN A MORE COMPACT AND RIGID ENCLOSURE. FOR EASE OF INTEGRATION THE CH SERIES IS HIGHLY CONFIGURABLE WITH RIGHT OR LEFT, UPPER OR LOWER BEAM OUTPUT POSITIONS, INTERNAL FOLDBACK CAPABILITY, AND INTERNAL ADAPTIVE OPTICS CAPABILITY.

## **FEATURES**

Multiple optical configurations Moveable on both axes for gantry applications Patented TURBO FLOW compressor Solid-state high voltage power supplies Low gas consumption, based on PRC GEM technology Touch screen control and diagnostics Eye-safe 10.6 Micron standard, other wavelengths available



## **TOUCH SCREEN STATUS, CONTROL & DIAGNOSTIC PANEL**

PRC's optional touchscreen control provides laser status information and fault displays. In addition the control offers automated test routines, input/output diagnostic information, maintenance logbook, and can control power and pulsing parameters for basic laser applications.

ile Help			Laser Le	gend			
egend Mis	sc Confi	guration	Warmup	Timer La	gBooks	Qiagnose	
Current (mA	) Powe	r1(W) P	ower2(W) Pressure(torr) Cod		torr) Cool	ant(1/m)	State
82.5 403		39	0	0 97.2		22.4	Low Flow Quick Restart
Lane	HVI No.		VacuumPump Compressor HighVoltage			Reset	
Gas(1/h)	1 Infe					Back Fill	Warmup Cancel
50	1. J fault			Le			
Warmup 2	Valu	0 Program Simmer	Version 1.01			Leak Find	Dynamic LeakChec
Frequency DutyCycle (Hz) (%)						Power High (%)	Power Low (%)
	. +		Laser On	HVOn		99	0
0 €	0 €	BeamOn 1	Gated Pulse 1	Enhanced Pulse 1	Open Loop 1	33 <b>•</b>	
Ramp (4.95/X10s)	0. 0	BeamOn 2	Gated Pulse 2	Enhanced Pulse 2	Open Loop 2	0	0

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