

LAMP PUMPED LASER HEADS

High performance and reliability



Part No: CHBA6000/C

LASER SYSTEMS: Basel Lasertechnik 2000; BLS 61 I , 615i; 6000 Series; LBI 600 COMP III; AB Lasers 60 to 80 Watts Multimode

DESCRIPTION: Single-Lamp Pumped Solid-State Laser Chamber used for precision marking & engraving applications.

ASSEMBLIES:

REFERENCE	PART NUMBER	DESCRIPTION
1	ORK6000	O-Ring Kit
2	GC6000	Gold Cavity Assembly, Complete
3	BA6000	Head Block Assembly (Less Cavity, YAG Rod, Lamp & Carriage)
4	HBA6000	Head Block Assembly (Less YAG Rod, Lamp & Carriage)
5	CHBA6000	Head Block Assembly, Complete (Less Carriage)
6	CHBA6000/C	Complete Head Block Assembly

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LASER HEAD COMPONENTS:

REFERENCE	PART NUMBER	DESCRIPTION
1	HB600	Head Bolt, Stainless Steel
2	FIN6000	Heat Sink Aluminium
3	UHB6000	Upper Head Block
4	CEP6000G	Cavity End Plate, Gold Plated
5	CEP6000T	Cavity End Plate, Teflon
6	LFT512	Lamp Flow Tube
7	RFT512C	Rod Flow Tube, Doped
8	YRA6479	YAG Rod Assembly, Mounted, Multimode
8a	YRA6512	YAG Rod Assembly, TEM ₀₀
9	YRH6000	YAG Rod Holder and Cap
10	ORT4MM	O-Ring, Teflon
11a	YR512	YAG Rod 4 mm Rod, Unmounted, TEM ₀₀
11	YR479	YAG Rod, 4 mm Rod., Unmounted, Multimode
12	LL166	Laser Lamp, 20 Amps, 80750-009
13	LL209	Laser Lamp, 30 Amps, 80750-008
14	LHB6000	Lower Head Block
15	TLS6000	Light Shield, Teflon
16	LTBA6000	Lamp Mounting Block, Including Gold Band Assembly
18	ORK6000	O-Ring (Included in Kit)
19	HVP6000	High Voltage Pin
20	HVC6000	High Voltage Cap
21	REC600	Rod End Cap
22	DB600	Dust Boot
23	LHC6000	Lower Head Carriage
24	CLA600	Carriage Locking Assembly
25	GCE600	Cavity Ellipse, Gold Plated
26	WF6000	Water Fitting, Head Block and Q-Switch
27	WF052	Water Fitting, 102103461, 64630-044
28	WFCP6000	Water Fitting Clamp Plate
29	ORW6000	O-Ring Washer, Silicone
30	RG510	Rod Guide
31	ORK6000	O-Ring (Included in Kit)

FREQUENTLY USED CONSUMABLES:

REFERENCE	ITEM	PART NUMBER
1	Lamp, 20Amps	LL166
2	Lamp Flow Tube	LFT512
3	Rod Flow Tube	RFT512C
4	Lamp 30 Amps	LL209
5	Front Mirror 80%	MR3M80R1MCXHC
6	Front Mirror 90%	MR3M90RHC
7	Rear Mirror HR	MR3M100RHC

Other consumables upon request.

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