

LAMP PUMPED LASER HEADS

High performance and reliability



Part No: CHBA712/C

LASER SYSTEMS: Lee Laser Model 712; Chicago Laser CLS39; CLS977; CLS907; CLS960; Spectra Physics 3400, 3800

DESCRIPTION: Single-Lamp Pumped Solid-State Laser Chamber used for precision marking, engraving and trimming.

ASSEMBLIES:

REFERENCE	PART NUMBER	DESCRIPTION
1	ORK712	O-Ring Kit
2	GC708	Gold Cavity Assembly, Complete (Less Teflon Light Shields)
3	GCA712	Gold Cavity Assembly, Complete (Includes Teflon Light Shields)
4	BA712	Head Block Assembly (Less Cavity, YAG Rod, Lamp & Carriage)
5	HBA712	Head Block Assembly (Less YAG Rod, Lamp & Carriage)
6	CHBA712	Head Block Assembly, Complete (Less Carriage),
7	CHBA712/C	Complete Head Block Assembly

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LASER HEAD COMPONENTS:

REFERENCE	PART NUMBER	DESCRIPTION
1	HB708	Head Bolt, Stainless Steel
2	H2	Stainless Steel Washer
3	H4	Nylon Washer
4	FIN708	Heat Sink, Aluminium
5	UHB708	Upper Head Block
6	CEP708L	Cavity End Plate, Left, Gold
7	LC708	Lamp Contact Band, Gold
8	LFT708	Lamp Flow Tube
9	RFT712	Rod Flow Tube, Cerium Doped
10	LL4462S	Krypton Arc Lamp, 30 Amps
11	GCE708	Cavity Ellipse, Gold
12	ORK712	O-Rings (Included in Kit)
13	HVP708	High Voltage Pin
14	LMB555	Lamp, Mounting Block, Screw
15	LCB708	Lamp Contact Block
16	LTB708	Lamp Terminal Block
17	LHB712	Lower Head Block
18	LHC708	Lower Head Carriage
19	CLA500	Carriage Locking Assembly
20	ORK712	O-Ring (Included in Kit)
21	WF049	Water Fitting 5/8" O.D., Stainless Steel
22	YR258	YAG Rod, 4 mm Dia, Unmounted
23	YRA712	YAG Rod Assembly, Mounted
24	ORK712	O-Ring (Included in Kit)
25	RG708	Rod Guide
26	REC708	Rod End Cap
27	DB718	Dust Boot
28	ORK712	O-Ring (Included in Kit)
29	CEP708R	Cavity End Plate, Right, Gold
30	LS708U	Teflon Light Shield, Upper (Sold as TLS708KIT)
31	TLS718U	Teflon Light Shield, Upper (Sold as TLS718KIT)
32	LS708L	Teflon Light Shield, Lower (Sold as TLS708KIT)
33	WF022	Water Fitting, Reducer 1/2" O.D.
34	TLS718L	Teflon Light Shield, Lower (Sold as TLS718KIT)
35	WF016/2	Elbow Fitting 5/8" Nylon, Q-Switch Barb
36	H79	Stainless Steel Spilt Washer

FREQUENTLY USED CONSUMABLES:

REFERENCE	ITEM	PART NUMBER
1	Lamp, 30Amp	LL4462S
2	Lamp Flow Tube	LFT708
3	Rod Flow Tube	RFT712
4	DI Cartridge	D700
5	DI Cartridge	D8832 (Chicago Laser)
6	Front Mirror 90%	MR3M90RHC
7	Rear Mirror HR	MR3M100RHC

Other consumables upon request.

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