

LAMP PUMPED LASER HEADS

High performance and reliability



Part No: CHBA708/C

LASER SYSTEMS: Lee Laser Model 708; Chicago Laser CLS39;CLS977; CLS907, CLS960; TLSI & General Scanning L.S.D. W614, W670; Spectra Physics 3000

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

ASSEMBLIES:

REFERENCE	PART NUMBER	DESCRIPTION
1	ORK708	O-Ring Kit
2	GC708	Gold Cavity Assembly, Complete (Less Teflon Light Shields)
3	GCA708	Gold Cavity Assembly, Complete (Includes Teflon Light Shields)
4	BA708	Head Block Assembly (Less Cavity, YAG Rod, Lamp & Carriage)
5	HBA708	Head Block Assembly (Less YAG Rod, Lamp & Carriage)
6	CHBA708	Head Block Assembly, Complete (Less Carriage),
7	CHBA708/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	LL708S	Laser Lamp, High Stability, 20 Amps
11	GCE708	Cavity Ellipse, Gold
12	ORK708	O-Rings (Included in Kit)
13	HVP708	High Voltage Pin
14	LMBS555	Lamp, Mounting Block, Screw
15	LCB708	Lamp Contact Block
16	LTB708	Lamp Terminal Block
17	LHB708	Lower Head Block
18	LHC708	Lower Head Carriage
19	CLA500	Carriage Locking Assembly
20	ORK708	O-Ring (Included in Kit)
21	WF049	Water Fitting 5/8" O.D., Stainless Steel
22	YR512	YAG Rod, 4 mm Dia, TEM ₀₀ , Un-mounted
23	YRA708	YAG Rod Assembly, TEM ₀₀ Mounted
24	ORK708	O-Ring (Included in Kit)
25	RG708	Rod Guide
26	REC708	Rod End Cap
27	DB718	Dust Boot
28	ORK708	O-Ring (Included in Kit)
29	CEP708R	Cavity End Plate, Right, Gold
30	LS708U	Teflon Light Shield, Upper (Sold as TLS708KIT)
31	LS708L	Teflon Light Shield, Lower (Sold as TLS708KIT)
32	WF022	Water Fitting, Reducer 1/2" O.D
33	WF016/2	Elbow Fitting 5/8" Nylon, Q-Switch Barb
34	LL4462S	Laser Lamp, 30 Amps
35	H79	Stainless Steel Split Washer

FREQUENTLY USED CONSUMABLES:

REFERENCE	ITEM	PART NUMBER
1	Lamp, 20Amp	LL708S
2	Lamp Flow Tube	LFT708
3	Rod Flow Tube	RFT712
4	Front Mirror	MR3M90RHC
5	Lamp, 30Amp	LL4462S
6	DI Cartridge	D700
7	DI Cartridge	D8832 (Chicago Laser)
8	Rear Mirror, HR	MR3M100RHC

Other consumables upon request.

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