

LAMP PUMPED LASER HEADS

High performance and reliability



Part No: CHBA808/C, CHBA812/C

LASER SYSTEMS: Lee Laser Model 803; 808; 812; Chicago Laser CLS39; CLS907; CLS947; CLS977; CLS977; CLS907; CLS960; Spectra Physics, Universal Laser Systems Inc., General Scanning LSD W724, TLSI W670

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

ASSEMBLIES:

REFERENCE	PART NUMBER	DESCRIPTION
1	ORK812	O-Ring Kit
2	GC812	Gold Cavity Assembly, Complete (Less Teflon Light Shields)
3	GCA812	Gold Cavity Assembly, Complete (Includes Teflon Light Shields)
4	BA812	Head Block Assembly (Less Cavity, YAG Rod, Lamp & Carriage)
5	HBA812	Head Block Assembly (Less YAG Rod, Lamp & Carriage)
6	CHBA812	Head Block Assembly, Complete (Less Carriage)
7	CHBA812/C	Complete Head Block Assembly
8	CHBA808	Head Block Assembly, Complete (Less Carriage) TEM00
9	CHBA808/C	Complete Head Block Assembly, TEM00

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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	FIN812	Heat Sink, Aluminium
5	UHB812	Upper Head Block
6	CEP818L	Cavity End Plate Left, Gold Plated
7	LC708	Lamp Contact Band, Gold
8	LFT708	Lamp Flow Tube
9	RFT812	Rod Flow Tube, Cerium Doped
10	LL4462S	Krypton Arc Lamp, 30 Amps
11	GCE708	Cavity Ellipse, Gold Plated
12	ORK812	O-Ring (Included in Kit)
13	HVP818	High Voltage Pin
14	LCB818R	Lamp Contact Block, Right
15	LCB818L	Lamp Contact Block, Left
16	LTB818L	Lamp Terminal Block, Left
17	LHB812	Lower Head Block
18	LHC812	Lower Head Carriage
19	CLA500	Carriage Locking Assembly
20	ORK812	O-Ring (Included in Kit)
21	WF049	Water Fitting 5/8" O.D., Stainless Steel
22	YR512	YAG Rod, 4 mm Dia, Unmounted, TEM ₀₀
23	YRA808	YAG Rod Assembly, Mounted, TEM ₀₀
24	ORK812	O-Ring (Included in Kit)
25	RG818	Rod Guide, Short
26	REC718	Rod End Cap
27	DB718	Dust Boot
28	ORK812	O-Ring (Included in Kit)
29	CEP818R	Cavity End Plate, Gold, Right, Gold Plated
30	LS708U	Teflon Light Shield, Upper
31	TLS718U	Teflon Light Shield, Upper
32	LS708L	Teflon Light Shield, Lower
33	LTB818R	Lamp Terminal Block, Right
34	TLS718L	Teflon Light Shield, Lower
35	WF016	Elbow Fitting 5/8" Nylon, Q-Switch
36	LMBS555	Lamp Mounted Block Screw
37	WF022	Water Fitting Reducer " O.D.
38	H79	Stainless Steel Spilt Washer
39	YR479	YAG Rod, 4 mm Dia, Unmounted, Multimode
40	YRA812	YAG Rod Asembly, Mounted, Multimode
41	LL708S	Krypton Arc Lamp, 20 Amps
42	RG812	Rod Guide, Long

FREQUENTLY USED CONSUMABLES

REFERENCE	ITEM	PART NUMBER
1	Lamp, 20 Amp	LL708S
2	Lamp, 30 Amp	LL4462S
3	Lamp Flow Tube	LFT708

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REFERENCE	ITEM	PART NUMBER
4	Rod Flow Tube	RFT708
5	Front Mirror 90% R	MR3M90RHC
6	Rear Mirror HR	MR3MI00RHC
7	DI Cartridge	D8832

