

LAMP PUMPED LASER HEADS

High performance and reliability



Part No: CHBA354/C

LASER SYSTEMS: LASER S.O.S. SOSI20WQSS380, 120–135 Watt

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

ASSEMBLIES:

REFERENCE	PART NUMBER	DESCRIPTION
1	ORK350	O-Ring Kit 4 mm Rod
2	GC350	Gold Cavity Assembly, Complete
3	BA350	Head Block Assembly (Less Cavity, YAG Rod, Lamp & Carriage)
4	HBA350	Head Block Assembly (Less YAG Rod, Lamp & Carriage)
5	CHBA354	Head Block Assembly (Less Carriage), 4 mm Rod Average Power = 120 W
6	CHBA354/C	Complete Head Block Assembly, 4 mm Rod Average Power = 120 W

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LASER HEAD COMPONENTS:

REFERENCE	PART NUMBER	DESCRIPTION
1	HB300	Head Bolt, Stainless Steel
2	FIN350	Head Sink, Aluminium
3	UHB350	Upper Head Block
4	CEP300	Cavity End Plate
5	GCE350	Cavity Ellipse, Gold Plated
6	FT450	Flow Tube, Rod
7	FT450	Flow Tube, Lamp
8	LL9300	Laser Lamp, 30 A
10	YRH334	YAG Rod Holder, 4 mm Rod
11	LC708	Lamp Contact Band, Gold Plated
12	LCB300	Lamp Contact Block
13	LTB300	Lamp Terminal Block
14	YRA350MM	YAG Rod Assembly, 4 × 108 mm Rod, Multi Mode
15	ORT468	O-Ring, Teflon, 4 mm Rod
16	REC300	Rod End Cap
17	RG300	Rod Guide
18	DB300	Dust Boot
19	ORK354	O-Ring, Silicone (Included in Kit)
20	ORK354	O-Ring, Silicone (Included in Kit)
21	LHB350	Lower Head Block
22	LHC350	Lower Head Carriage
23	HVP570	High Voltage pin
24	WF012	Water Fittings "–16 × "
25	WF021/2	Elbow Water Fitting, " for Q-Switch
26	HOSETAIL1/2	Hosetail " Barbed
27	CLA500	Carriage Locking Assembly
28	HVC800	High Voltage Cap
29	YR15	YAG Rod, 4 × 108 mm, Multi Mode, Unmounted

FREQUENTLY USED CONSUMABLES:

REFERENCE	ITEM	PART NUMBER
1	Lamp, 30Amp	LL9300
2	Lamp Flow Tube	FT450
3	Rod Flow Tube	FT450
4	O-Ring Kit	ORK350
5	DI Cartridge	DI50
6	Particle Filter	PF75
7	Front Mirror	MR3M80RHC
8	Rear Mirror HR	MR3MI00RHC

Other consumables upon request.

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