

LAMP PUMPED LASER HEADS

High performance and reliability



Part No: CHBA9555/C

LASER SYSTEMS: Laser Applications 9555; Quantrad Blazer; Galaxy; Comet, 80W Multimode

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

ASSEMBLIES:

REFERENCE	PART NUMBER	DESCRIPTION
1	ORK9555	O-Ring Kit
2	GC9555	Gold Cavity Assembly, Complete
3	BA9555	Head Block Assembly (Less Cavity, YAG Rod, Lamp & Carriage)
4	HBA9555	Head Block Assembly (Less YAG Rod, Lamp & Carriage)
5	CHBA9555	Head Block Assembly, Complete (Less Carriage)
6	CHBA9555/C	Complete Head Block Assembly

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LASER HEAD COMPONENTS:

REFERENCE	PART NUMBER	DESCRIPTION
1	HB510	Head Bolt, Stainless Steel
2	HBW510	Head Bolt Washer, Nylon
3	UHB9555	Upper Head Block
4	FIN9555	Heat Sink, Aluminium
5	CEP9555L	Cavity End Plate, Left Lower & Right Upper, Gold Plated
6	CEP9555R	Cavity End Plate, Lower Right & Upper Left, Gold Plated
7	GCE9555	Cavity Ellipse, Gold Plated
8	RFT9555	Rod Flow Tube
9	LFT9555	Lamp Flow Tube
10	LL550S	Krypton Arc Lamp, 40 Amps
11	LC570	Lamp Clip, Gold
12	LTB9555	Lamp Terminal Block
13	YRA9555	YAG Rod Assembly, Mounted
14	YR9555	YAG Rod 5 mm Dia, Unmounted
15	ORK9555	O-Ring, Silicone (Included in Kit)
16	RG9555	Rod Guide
17	REC9555	Rod End Cap
18	CC9560	Cable Cap, Insulator
19	CLA500	Carriage Locking Assembly
20	WF012	Water Fitting 3/4 – 1/2", Stainless Steel
21	LHB9555	Lower Head Block
22	LHC9555	Head Carriage
23	HVP9555	High Voltage Pin
24	WF021	Elbow Fitting 1/2" for Q-Switch

FREQUENTLY USED CONSUMABLES:

REFERENCE	ITEM	PART NUMBER
1	Lamp	LL550S
2	Lamp Clip, Gold	LC570
3	Rod Flow Tube	RFT9555
4	Lamp Flow Tube	LFT9555
5	Front Mirror 80% R	MR3M80RHC
6	Front Mirror 90% R	MR3M90RHC
7	Rear Mirror HR	MR3MI00RHC
8	DI Cartridge	D8832
9	Particle Filter, 10"	PF10

Other consumables upon request.

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