

LAMP PUMPED LASER HEADS

High performance and reliability



Part No: CHBA570

LASER SYSTEMS: ESI 44, 80, 4000A, 4200, 2000, 3570, 3571, 3572, Spectra Physics 3000 (Old Style Head Block for use with long head bolts)

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

ASSEMBLIES:

REFERENCE	PART NUMBER	DESCRIPTION
1	ORK570	O-Ring Kit
2	GC570	Gold Cavity Assembly, Complete
3	BA570	Head Block Assembly (Less Cavity, YAG Rod & Lamp)
4	HBA570	Head Block Assembly (Less YAG Rod & Lamp)
5	CHBA570	Complete Head Block Assembly, TEM ₀₀

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LASER HEAD COMPONENTS:

REFERENCE	PART NUMBER	DESCRIPTION
1	CEP570L	Upper Cavity Plate, Left, Gold Plated
2	GCE570	Gold Cavity Ellipse, Gold Plated
3	CEP570R	Upper Cavity Plate, Right, Gold Plated
4	CEP570R	Lower Cavity Plate, Right, Gold Plated
5	YRA570	YAG Rod Assembly, 3 mm Dia Rod, TEM ₀₀
6	YR258	YAG Rod, 3 mm Dia, TEM ₀₀
7	ORK570	O-Ring, Silicone (Included in Kit)
8	RG570	Rod Guide
9	ORK570	O-Ring, Silicone (Included in Kit)
10	LC570	Lamp Clip
11	CEP570L	Lower Cavity Plate, Left Gold Plated
12	LL570S	Krypton Arc Lamp
13	LFT570	Lamp and Rod Flow Tube
15	REC570	Red End Cap
16	LTB570	Lamp Terminal Block
17	HVP570	High Voltage Pin
18	WF018	Water Fitting, Stateless Steel
19	UHB570	Upper Head Block
20	LHB570	Lower Head Block
24	WF024	Miniature Q-Switch Water Fitting
25	HB570	Head Bolt Long, M8 × 80 mm

FREQUENTLY USED CONSUMABLES:

REFERENCE	ITEM	PART NUMBER
1	Lamp	LL570S
2	Lamp Clip, Gold	LC570
3	Lamp & Rod Flow Tube	LFT570
4	Front Mirror, 80% R	MR3M80RHC
5	Front Mirror, 80% R, IMCC	MR3M80C75HC
6	Rear Mirror, HR	MR3M100RHC
7	Rear Mirror, HR, 2MCX	MR3M100R2MCXHC
8	DI Cartridge	D8822
9	Particle Filter, 10"	PF10/20

Other consumables upon request.

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