

LAMP PUMPED LASER HEADS

High performance and reliability



Part No: CHBA57I

LASER SYSTEMS: ESI 44, 80, 4000A, 4200, 2000, 3570, 3571, 3572, Spectra Physics 3000 (New Style Head Block for use with short 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	BA57I	Head Block Assembly (Less Cavity, YAG Rod & Lamp)
4	HBA57I	Head Block Assembly (Less YAG Rod & Lamp)
5	CHBA57I	Complete Head Block Assembly, TEM00

Part No: CHBA571

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 Platt, Right, Gold Plated
5	YRA570	YAG Rod Assembly, 3 mm Dia Rod, TEM ₀₀
6	YR259	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
1s	REC570	Rod End Cap
16	LTB570	Lamp Terminal Block
17	HVP570	High Voltage Pin
18	WF018	Water Fitting, Stainless Steel
19	UHB570	Upper Head Block
20	LHB571	New Style Headd Block Threaded for Short Head Bolts
24	WF024	Miniature Q-Switch Water Fitting
25	HB571	Head Bolt Short, 5/16 – 18 × 1.25"

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, 1MCC	MR3M80C75HC
6	Rear Mirror, HR	MR3MI00RHC
7	Rear Mirror, HR, 2MCX	MR3MI00R2MCXHC
8	DI Cartridge	D8822
9	Particle Filter, 10"	PF10/20

Other consumables upon request.

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