

LAMP PUMPED LASER HEADS

High performance and reliability



Part No: CHBA573

LASER SYSTEMS: ESI 3573, Spectra Physics 3000, 3400

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	GC573	Gold Cavity Assembly, Complete
3	BA571	Head Block Assembly (Less Cavity, YAG Rod & Lamp)
4	HBA573	Head Block Assembly (Less YAG Rod & Lamp)
5	CHBA573	Complete Head Block Assembly, TEM ₀₀

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LASER HEAD COMPONENTS:

REFERENCE	PART NUMBER	DESCRIPTION
1	CEP573L	Upper Cavity Plate, Left, Gold Plated
2	GCE570	Gold Cavity Ellipse, Gold Plated
3	CEP573R	Upper Cavity Plate Right, Gold Plated
4	CEP573R	Lower Cavity Plate, Right, Gold Plated
5	YRA573	YAG Rod Assembly, 4 mm Dia Rod, TEM ₀₀
6	YR512	YAG Rod, 4 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	CEP573L	Lower Cavity Plate, Left, Gold Plated
12	LL570S	Krypton Arc Lamp
13	LFT570	Lamp Flow Tube
15	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 Head Block Threaded For Short Head Bolts
22	RFT573	Rod Flow Tube
24	WF024	Miniature Q-Switch Water Fitting
25	HB571	Head Bolt Short 5/16"–18 × 1.25"

FREQUENTLY USED CONSUMABLES:

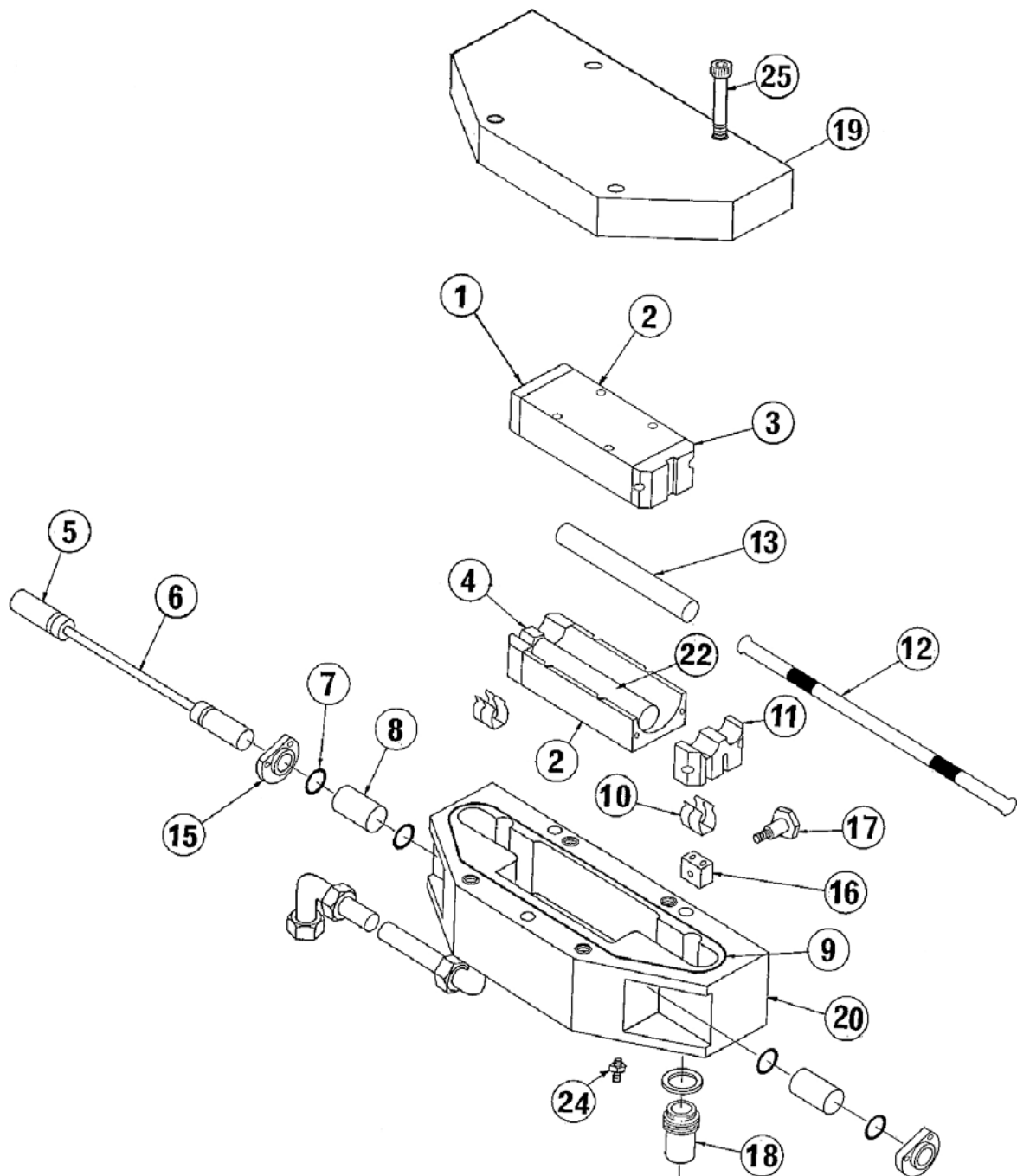
REFERENCE	ITEM	PART NUMBER
1	Lamp	LL570S
2	Lamp Clip, Gold	LC570
3	Front Mirror, 80% R	MR3M80RHC
4	Front Mirror, 80% R, IMCC	MR3M80C75HC
5	Rear Mirror, HR	MR3M100RHC
6	Rear Mirror, HR, 2MCX	MR3M100R2MCXHC
7	Lamp Flow Tube	LFT570
8	Rod Flow Tube	RFT573
9	DI Cartridge	D8822
10	Particle Filter, 10"	PF10/20

Other consumables upon request.

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