

# LAMP PUMPED LASER HEADS

High performance and reliability



## Part No: CHBA612PLUS

**LASER SYSTEMS:** Control Laser Script 100; Signature 100 & 512 Plus, Sahajanand Laser Hallmark, 120W Multimode.

**DESCRIPTION:** Single-Lamp Pumped Solid-State Laser Chamber used for marking deep engraving & hall marking jewellery applications.

### ASSEMBLIES:

REFERENCE	PART NUMBER	DESCRIPTION
1	ORK512	O-Ring Kit
2	GC612PLUS	Gold Cavity Assembly, Complete
3	BA612PLUS	Head Block Assembly (Less Cavity, YAG Rod & Lamp)
4	HBA612PLUS	Head Block Assembly (Less YAG Rod & Lamp)
5	CHBA612PLUS	Head Block Assembly, Complete

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### LASER HEAD COMPONENTS:

Reference	Part Number	Description
1	HBW510	Head Bolt Washer, Nylon
2	HB612	Head Bolt, Stainless Steel
3	FIN612PLUS	Heat Sink, Aluminium
4	UHB612PLUS	Upper Head Block
5	LFT612PLUS	Lamp and Rod Flow Tube
7	LVB612PLUS	Lamp V-block
9	ORK512	O-Ring, Silicone (Included in Kit)
10	LHB612PLUS	Lower Head Block
12	WF016	Water Fitting, Head Block & Q-Switch
13	ORK512	O-Ring, Silicone (Included in Kit)
14	WF013	Water Fitting, 3/4 – 16 × 5/8"
15	YR718	YAG Rod, 4 mm Dia, Unmounted
16	SNY632	Nylon Screw, 6–32 × 1/4"
17	HVP510	High Voltage Pin
18	HVI510	High Voltage Insulator (2 pces)
19	ORK512	O-Ring, Silicone (Included in Kit)
21	RG510	Rod Guide
22	REC510	Rod End Cap
23	ORK512	O-Ring, Silicone (Included in Kit)
24	DB510	Dust Boot
25	YRA2700	YAG Rod Assembly, Mounted
26	LSP510	Lower Light Shield, Stainless
27	LL6645	Krypton Arc Lamp
28	USP612PLUS	Upper Light Shield, Stainless
29	CEP510	Cavity End Plate, Gold Plated
30	GCE612PLUS	Cavity Ellipse, Gold Plated
33	LCA512	Lamp Clamp – Not Shown
34	LC510	Lamp Retaining Clip, Gold – Not Shown
35	LLF612	Lamp Lifter – Not Shown

### FREQUENTLY USED CONSUMABLES:

Reference	Item	Part Number
1	Lamp	LL6645
2	Lamp & Rod Flow Tube	LFT612PLUS
3	Front Mirror 80% R	MR3M80RHC
4	Front Mirror 90% R	MR3M90RHC
5	Rear Mirror HR	MR3M100RHC
6	DI Cartridge	D8822
7	Particle Filter	PF10
8	Lamp V-block	LVB612PLUS

Other consumables upon request.

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