

LAMP PUMPED LASER HEADS

High performance and reliability



Part No: CHBA530/C

LASER SYSTEMS: Holobeam 2660, Control Laser 531, 532, 534, 536, 630, 120-150W Multimode

DESCRIPTION: Single-Lamp Pumped Solid-State Laser Chamber used for cutting & marking applications

ASSEMBLIES:

REFERENCE	PART NUMBER	DESCRIPTION
1	ORK530	O-Ring Kit
2	GC530	Gold Cavity Assembly, Complete
3	BA530	Head Block Assembly (Less Cavity, YAG Rod, Lamp & Carriage)
4	HBA530	Head Block Assembly (Less YAG Rod, Lamp & Carriage)
5	CHBA530	Head Block Assembly, Complete (Less Carriage)
6	CHBA530/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	GCE530	Cavity Ellipse, Gold Plated
4	RFT530	Rod Flow Tube
5	LFT530	Lamp Flow Tube
6	ORK530	O-Ring, Silicone (Included in Kit)
7	LL532S	Krypton Arc Lamp, 40 Amps 140–145 V
8	CEP530L	Cavity End Plate, Left, Gold Plated
9	TLS530R	Teflon Light Shield, Right
10	TLS530L	Teflon Light Shield, Left
11	CLA500	Carriage Locking Assembly
12	ORK530	O-Ring, Silicone (Included in Kit)
13	YR530	YAG Rod, Crystal Only, 6.35 mm Rod
14	YRA530	YAG Rod Assembly, Mounted
15	RG530	Rod Guide
17	REC530	Rod End Cap Extension
18	DB530	Dust Boot
19	WF021	Water Fitting, 1/2" Water Pump & Q-Switch
20	WF012	Water Fitting 3/4– 1/2" Stainless Steel
21	LHB530	Lower Head Block
22	HVP258	High Voltage Pin
23	LTB258	Lamp Terminal Block
24	LC258	Lamp Clip, Gold Plated
25	CEP530R	Cavity End Plate, Right
26	UHB530	Upper Head Block
27	FIN530	Heat Sink, Aluminium
28	ORK530	O-Ring, Silicone (Included in Kit)
29	CC530	Cable Cap
30	LHC530	Head Carriage
31	ORK530	O-Ring, Teflon (Included in Kit)
32	ORK530	O-Ring, Silicone (Included in Kit)
33	ORK530	O-Ring, Silicone (Included in Kit)
34	ORK530	O-Ring, Teflon (Included in Kit)
35	ORK530	O-Ring, Silicone (Included in Kit)
36	ORK530	O-Ring, Silicone (Included in Kit)

FREQUENTLY USED CONSUMABLES:

Reference	Item	Part Number
1	Lamp, 40 Amp 140–145 V	LL532S
2	Lamp Flow Tube	LFT530
3	Rod Flow Tube	RFT530
4	Front Mirror 80% R	MR3M80RHC
5	Rear Mirror HR	MR3M100RHC
6	DI Cartridge	D8822
7	Particle Filter	PF9

Other consumables upon request.

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