

LAMP PUMPED LASER HEADS

High performance and reliability



Part No: CHBA400/C

LASER SYSTEMS: Control Laser 400, 428, 438, 440-4, 440-8, 480-16, Huffman, XMR, HDE& ACME Cleveland Systems, Laser Applications 94100

DESCRIPTION: Dual-Lamp Pumped Solid-State pulsed Laser Chamber used for welding, cutting and drilling applications.

ASSEMBLIES:

REFERENCE	PART NUMBER	DESCRIPTION
1	ORK400	O-Ring Kit
2	GC400	Gold Cavity Assembly, Complete
3	BA400	Head Block Assembly (Less Cavity, YAG Rod, Lamp & Carriage)
4	HBA400	Head Block Assembly (Less YAG Rod, Lamp & Carriage)
5	CHBA400	Head Block Assembly, Complete (Less Carriage)

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LASER HEAD COMPONENTS:

REFERENCE	PART NUMBER	DESCRIPTION
1	UHB400	Upper Head Block
2	CHB400	Centre Head Block
3	LHB400	Lower Head Block
4	CLA500	Carriage Locking Assembly
6A	LL400S	Krypton Flashlamp, 4.0" Arc Length
6B	LL400L	Krypton Flashlamp, 4.625" Arc Length
7	LC708	Lamp Connector Band, Gold
8	HB400	Head Bolt, Stainless Steel
9	TC400	Trigger Contact
10	ORK400	O-Ring (Included in Kit)
11	LHE400	Lamp Holder Extension
12	LH400	Lamp Holder
13	GCE400L	Cavity Ellipse Lower, Gold Plated
14	GCE400T	Cavity Ellipse Top, Gold Plated
15	TI400	Trigger Insulator
16	CEP400T	Cavity End Plate, Gold Plated
17	LHC400	Lower Head Carriage
18	FGFP400	Filter Glass Flow Plate
19	BE400	Bushing End
20	RG400	Rod Guide
21	CEP400L	Cavity,End Plate Lower, Gold Plated
22	MCB400	Mounting Bracket Cable
23	LP400	Locking Plate
24	BPP400	Bushing Pressure Plate
25	IK400	Insulator Knob
26	YR400	YAG Rod, 3/8" Dia, Unmounted
27	YRH400	YAG Rod Holder and Cap
28	YRA400	YAG Rod Assembly, Mounted

FREQUENTLY USED CONSUMABLES:

REFERENCE	ITEM	PART NUMBER
1	Lamp, 4" Arc Length	LL400S
2	Lamp, 4.625" Arc Length	LL400L
3	Flow Plate, Filter Glass	FGFP400
4	Lamp Connector Band, Gold	LC708
5	Front Mirror, 35% R	MR3M35RHC
6	Rear Mirror Mirror HR	MR3MI00RHC
7	DI Cartridge	D8822

Other consumables upon request.

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