

LAMP PUMPED LASER HEADS

High performance and reliability

Part No: CHBASLI14

LASER SYSTEMS: N.E.C. Models SL432G; SL435B; SL411B; SL412G; SL114K; SL475H; S.L.T. CL60

DESCRIPTION: Single-Lamp Pumped CW Solid-State Laser Chamber used for laser trimming, marking and engraving 40–60 Watts

LASER HEAD COMPONENTS:

REFERENCE	PART NUMBER	DESCRIPTION
1	UHBSLI14	Upper Head Block
2	GCESLI14U	Gold Cavity Ellipse, Upper
3	GCESLI14L	Gold Cavity Ellipse, Lower
4	ORKSLI14	O-Ring (Included in Kit)
5	CEPSLI14R	Cavity End Plate, Right
6	CEPSLI14L	Cavity End Plate, Left
7	RFTSLI14	Rod Flow Tube
8	LFTSLI14	Lamp Flow Tube
9	LHBSLI14	Lower Head Block
10	LHCSLI14	Lower Head Carriage
11	LL545	Laser Lamp, 20Amps, NEC P/N P2002D
12	YR474	YAG Rod, 4 mm, Unmounted
13	YRA432	YAG Rod Assembly, 3 mm, Mounted
14	YRA434	YAG Rod Assembly, 4 mm, Mounted
15	CPPSLI14	Crystal Pressure Plate
16	LPPSLI14L	Lamp Pressure Plate, Left
17	THRSLI14	Threaded Retainer
18	WF055	Water Fitting
19	WF056	Water Fitting
20	YR374	YAG Rod, 3 mm, Unmounted
21	LPPSLI14R	Lamp Pressure Plate, Right

ASSEMBLIES:

REFERENCE	PART NUMBER	DESCRIPTION
1	ORKSLI14	O-Ring Kit
2	GCSLI14	Gold Cavity Assembly
3	BASLI14/C	Head Block Assembly (Less Cavity, YAG Rod & Lamp)
4	HBASLI14/C	Head Block Assembly (Less YAG Rod & Lamp)
5	CHBASLI143/C	Complete Head Block Assembly (Fitted With 3 mm Rod)
6	CHBAI144/C	Complete Head Block Assembly (Fitted With 4 mm Rod)

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FREQUENTLY USED CONSUMABLES:

REFERENCE	ITEM	PART NUMBER
1	Lamp	LL545
2	Rod Flow Tube	RFTSLI I 4
3	Lamp Flow Tube	LFTSLI I 4

Other consumables upon request.

