

LAMP PUMPED LASER HEADS

High performance and reliability



Part No: CHBA3116

LASER SYSTEMS: Quantronix 116, 604, 416; Teradyne W419, W421, W429, W614, M118; Laser Identification System WaferMark II, 345, Softmark, LightWriter

DESCRIPTION: High Stability Single-Lamp Pumped Solid-State Laser Chamber used for precision marking, engraving and trimming applications in the semiconductor and microelectronics Industry.

ASSEMBLIES:

REFERENCE	PART NUMBER	DESCRIPTION
1	ORK3116	O-Ring Kit for 3 mm Rod
2	GCA116	Gold Cavity Assembly, Complete
3	BA114	Head Block Assembly (Less Cavity, YAG Rod and Lamp Assembly)
4	HBA116	Head Block Assembly (Less YAG Rod and Lamp Assembly)
5	CHBA3116	Head Block Assembly, Complete, (Includes 3 mm Rod)

Part No: CHBA3116

LASER HEAD COMPONENTS:

REFERENCE	PART NUMBER	DESCRIPTION
1	CHI16T	Cavity Reflector Holder, Top
2	CHI16B	Cavity Reflector Holder, Bottom
3	GCE116	Gold Cavity Reflector
4	CM114	Coolant Manifold Required for Water Fittings
5	CEP114	Cavity End Plate
6	WIB116	Water Inlet Block
7	LS116	Light Shield Sleeve
8	ORK3116	O-Ring, Silicone (Included in Kit)
9	LHB116	Lower Head Block
11	CPP114	Crystal Pressure Plate, Front
12	LPP114	Lamp Pressure Plate, Front
14	LEP114	Lamp End Plate
16	UHB116	Upper Head Block
17	WF033	Water Fitting for Coolant Manifold CM114
19	YR379CC	YAG Rod, 3 mm x 79 mm, Radius Ends, TEM ₀₀
21	YRA1163	YAG Rod Assembly Complete, 3 mm, TEM ₀₀
23	RFT116ENH	Rod Flow Tube
24	YRH1163	YAG Rod Holder, 3 mm Rod
27	PR116	Pressure Ring
28	RR116	Retaining Ring
29	CN116	Crystal Nut
30	ORK3116	O-Ring, Silicone, 3 mm
32	PT1163	Pressure Tube, 3 mm
34	LFT116	Lamp Flow Tube, Pyrex
35	LFT116CE	Lamp Flow Tube, Cerium Doped Quartz
36	LL116LL	Laser Lamp, 400 Hrs
37	LL116LLS	Laser Lamp, 600 Hrs
38	PW149	Pressure Washer
39	CSA116	Cathode Socket Assembly
40	ASA116	Anode Socket Assembly
41	ORN804	O-Ring, Nitrile (10 PCES/PKT)
42	THR150	Threaded Retainer

FREQUENTLY USED CONSUMABLES:

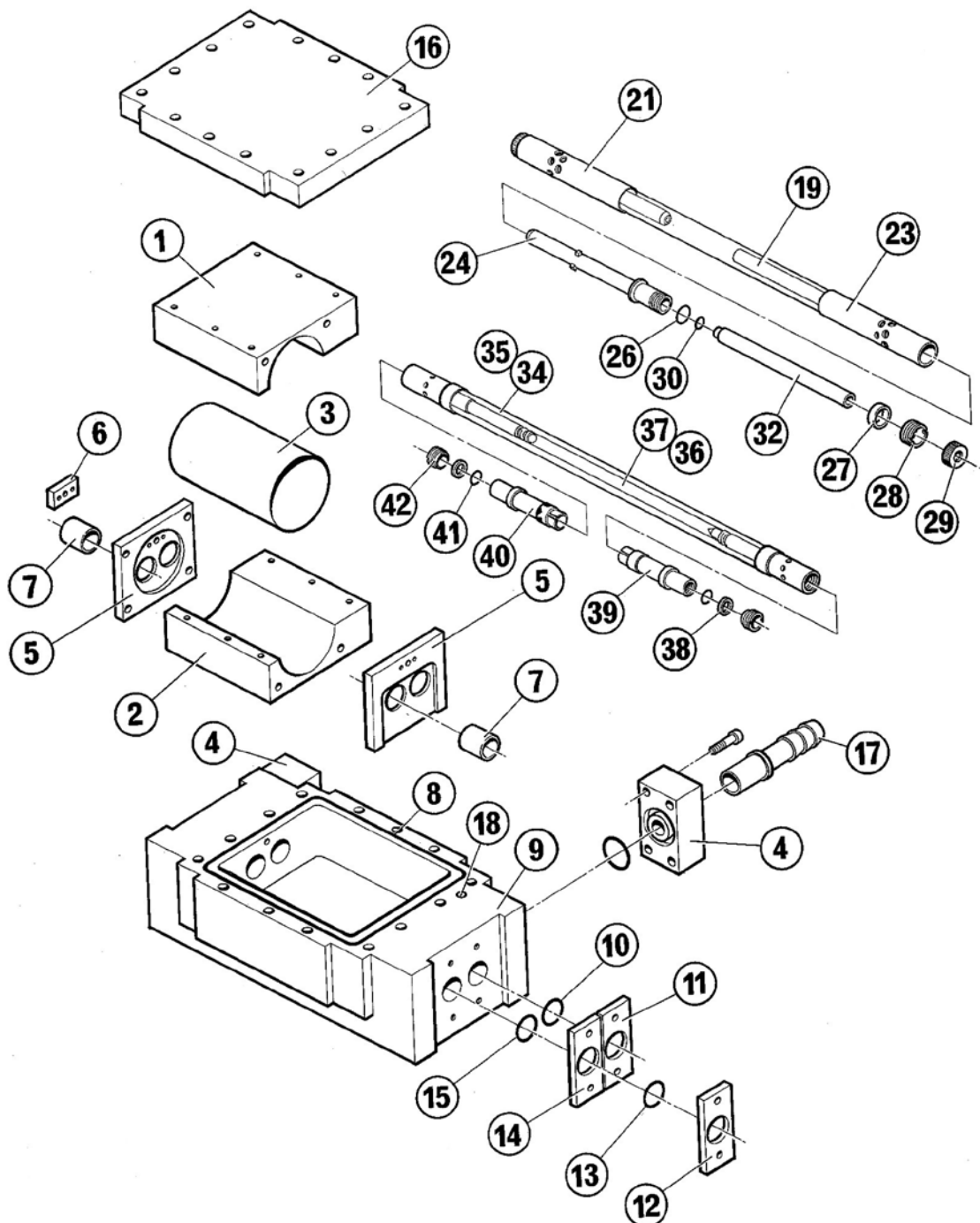
REFERENCE	ITEM	PART NUMBER
1	LFT116	Lamp Flow Tube, Pyrex
2	LFT116CE	Lamp Flow Tube, Ce doped Quartz
3	ASA116 & CSA116	Anode and Cathode Socket Assembly
4	LL116LL	Laser Lamp, 400 Hrs
5	LL116LLS	Laser lamp, 600 Hrs
6	D8822	DI Cartridge
7	PF30	Particle Filter

Other consumables upon request.

LAMP PUMPED LASER HEADS

High performance and reliability

Part No: CHBA3116



Intelligent Solutions, Manufacturing & Development