



REPLACEMENT PARTS, Models 808 and 812

Revised October 2004

LASER ARC LAMPS and LAMP FLOW TUBES

<u>Part No.</u>	<u>Description</u>
* 120055	Laser Arc Lamp, 3.2 kW, LKA-3020
* 120012	Laser Arc Lamp, 4.3 kW, LKA-3330
* 100088-3411Q	Lamp Flow Tube

MODULE LEVEL PARTS for OPTICAL RESONATOR

<u>Part No.</u>	<u>Description</u>
010003-003	YAG Rod Assembly (808)
010003-005	YAG Rod Assembly (812)
+ R010003-003	YAG Rod Refurbish, Mount and Laser Test
# 100088-3411U	Rod Flow Tube, UV Filter Glass (808, 812 w/ ceramic cavity)
# 100088-	Rod Flow Tube, UV Filter Glass (812 w/ gold reflector). Replaces 100088-3412U.
010211	Elliptical Cavity Set, Gold (808)
010182-001	Elliptical Cavity Set, Gold (812)
010338	Elliptical Cavity Set, Ceramic (812)
010050-002	Lamp Contact Assy, Positive
010050-003	Lamp Contact Assy, Negative
# 120007	Rear (HR) Mirror
# 120008	Front Mirror, 90% R (CW models)
# 120175	Front Mirror, 85% R (Q-switched models)
# 120070	Rear Mirror, 1.32 μm Wavelength
# 120071	Front Mirror, 1.32 μm Wavelength
201503	Crescent Washer (Wave Washer)
* 120011	Lamp Contact Band (2 required)
# 120065-002	Q-Switch, 27.12 MHz. Laser Tested
# 120140	O-Ring Kit (808, 812)
# 120009-020	O-Ring, Head Block
200713	HeNe Laser Head
200710	HeNe Laser Power Supply
120028	Shutter Solenoid
100035	Pinhole Aperture (Spatial Filter). Standard sizes: 1.0, 1.2, 1.3, 1.4, 1.5, 1.6, 1.8, 2.0, 2.25, 2.5, 3.0 mm

MODULE LEVEL PARTS for Q-SWITCH SUPPLY

<u>Part No.</u>	<u>Description</u>
010343-001	Q-Switch Supply, LQD-27D, no meter. With 020071-002 RF Control PCB. Replaces: P/N 010213-002 Q-switch Supply, LQD-127 (originally shipped with 020046-002 RF Control PCB.
010343-002	Q-Switch Supply, LQD-27D, no meter. With 020071-003 RF Control PCB. Replaces: P/N 010213-001 Q-switch Supply, LQD-127 (originally shipped with 020046-001 RF Control PCB. P/N 010213-003 Q-switch Supply, LQD-127 (originally shipped with 020046-003 RF Control PCB.
010344-002	Q-Switch Supply, LQD-27D1, WITH meter. With 020071-003 RF Control PCB. Replaces: P/N 010064 Q-switch Supply, LQD-27B
020046-002	RF Control PCB (used with 010213-002)
020046-003	RF Control PCB (used with 010213-001 and 010213-003) Replaces 020046-001
020071-002	RF Control PCB (used with P/N: 010343-001)
020071-003	RF Control PCB (used with P/N: 010343-002, 010344-003)
# 120048	Amplifier Module, 27.12 MHz

MODULE LEVEL PARTS for LAMP POWER SUPPLY

<u>Part No.</u>	<u>Description</u>
010026	Power Block Assy, Non-CE
010311	Trigger Box Assembly, CE lasers
010312	Power Block Assy, CE
020040-001	Power Supply Heat Sink Assy, ± 15 vdc, 3 Amp
020040-002	Power Supply Heat Sink Assy, ± 15 vdc, 5 Amp
020040-003	Power Supply Heat Sink Assy, ± 24 vdc, 5 Amp
020040-004	Power Supply Heat Sink Assy, ± 28 vdc
020080-001	External Laser System Control PCB Assy (used in lasers manufactured after 1996). For digital input signal.
020080-002	External Laser System Control PCB Assy (used in lasers manufactured after 1996). For analog input signal.
020080-003	External Laser Power Control PCB Assy (used in lasers manufactured after 1996). For digital input signal. Replaces: 020070-001, 020061-D and 02000039-D
020080-004	External Laser Power Control PCB Assy (used in lasers manufactured after 1996). For analog input signal. Replaces: 020070-002

MODULE LEVEL PARTS for LAMP POWER SUPPLY (Cont'd)

010195-001	External Current Control Kit. For digital input signal.
010195-002	External Current Control Kit. For analog input signal.
010195-003	External Current Control Kit, HPM. For digital input signal.
010195-004	External Current Control Kit, HPM. For analog input signal.
020042-002	Power Meter Calibration PCB Assy
020043	Interlock/Water Quality PCB Assy (used in lasers manufactured before 1996)
020091-003	Interlock/Water Quality PCB Assy. Replaces: 020060-002
020044	High Voltage PCB Assy
020045-001	SCR Control PCB Assy
020051-002	Power Supply PCB Assy, ± 12 vdc, 1 Amp
020081	Power Supply PCB Assy, ± 12 vdc, 1 Amp
020052-001	Line Filter PCB Assy, 220 VAC
020052-002	Line Filter PCB Assy, 480 VAC
020069-001	Line Filter PCB Assy, CE, left side
020069-002	Line Filter PCB Assy, CE, right side
020072-001	LED Front Control Panel PCB Assembly
120129	Line Filter, CE (and early 818)
010311-001	Trigger Box Assy, CE
120014	Diode Block
120018	SCR/SCR Block
120094	5-Wire Conversion Kit for 380-VAC, LCY-380
120134-001	220-VAC Conversion Kit (380-V to 220-V), LDY-220
120128	Transformer, ± 15 vdc
120020	Indicator LED, Red, 14 V
120021	Amber Indicator, 28 V
120022-001	Indicator Lamp, for switch (pkg 5)
120023	Indicator LED, Red, 5V
120230	Key Switch
120231	Power ON/OFF Switch
120232	Shutter OPEN/CLOSE Switch
120394	PUMP START Switch Upgrade Kit

MODULE LEVEL PARTS for COOLING SYSTEM, and MISC. SPARES and KITS

<u>Part No.</u>	<u>Description</u>
010040	Flow Switch Assy
010061	DI Water Resistivity Sensor Assy
010062-001	DI Water Over-Temp Sensor Assembly
010095	DI Water Temperature Sensor Assembly
120380	DI Water Sight Tube Assembly
120027-001	Replacement Lamp Kit
120027-002	Replacement Lamp Kit

MODULE LEVEL PARTS for COOLING SYSTEM, and MISC. SPARES and KITS (Cont'd)

120031	DI Water Flow Valve
120032	DI Water Filter Cartridge, 10"
120037	Pump Repair Kit. Includes: Impeller, Gasket, Seal and Seat
120351	Pump Housing Assy (Volute). With fittings.
120361-003	Water Pump Assembly, 3-phase, ¾-HP (8100). With fittings.
120116	Low Water Sensor
120143	Consumable Parts Kit, LCP-808/3020
120153	Consumable Parts Kit, LCP-812, LCP-808/3330
120152	General Maintenance Kit, LGM-808/3020
120151	General Maintenance Kit, LGM-812, LGM-808/3330
120388	Laser Operation Manual, LOM-800. Current Revision
010187-001	Autocollimator Assembly, 115 V
010187-002	Autocollimator Assembly, 220 V

OTHER SPARE PARTS (Section 8.0, Operation Manual)

<u>Part No.</u>	<u>Description</u>
100562-001	Head Block Base (808, 812)
100586	Lamp Power Connector
100565	Head Cover
100581-001	Lamp Contact Base, Positive
100581-002	Lamp Contact Base, Negative
100580-001	Lamp Contact Block, Positive
100580-002	Lamp Contact Block, Negative
100147	Captive Screw, Lamp Contact
100722-001	Rod Holder Support
100722-002	Rod Holder Support
200561	Water Fitting
120009-001-04	O-Ring, Package of 4
120009-004-04	O-Ring, Package of 4
120009-002-08	O-Ring, Package of 8
010293-001	Mirror Mount Assy
010295	Q-switch Mount Assy (without Q-switch)
120040	Isolation Transformer, K4, Pre-wired

* Routine periodic replacement required

Occasional replacement may be necessary

+ Pending Lee Laser evaluation

Note: To find specific part numbers for your laser, refer to Sections 1, 7 and 8 of your Operation Manual.