



REPLACEMENT PARTS, Model 650

Revised March 2003

<u>Part No.</u>	<u>Description</u>
* 120271	Laser Flash Lamp, LKF-650
* 100088-3411Q	Lamp Flow Tube

MODULE LEVEL PARTS for OPTICAL RESONATOR

<u>Part No.</u>	<u>Description</u>
010353-001	Head Block Assy, with ceramic cavity set, 650, multimode
010353-002	Head Block Assy, with gold cavity set, 650, multimode
010353-003	Head Block Assy, with ceramic cavity set, 650, TEM ₀₀
010353-004	Head Block Assy, with gold cavity set, 650, TEM ₀₀
010353-004	Head Block Assy, with gold cavity set, 650, TEM ₀₀ , 3-mm
# 010003-004	YAG Rod Assy, 4-mm, for 010353-001, 002
# 010003-003	YAG Rod Assy, 4-mm, for 010353-003, 004
# 010002-004	YAG Rod Assy, 3-mm, for 010353-005
R010003-004	YAG Rod Refurbish, Mount and Laser Test, 4-mm
R010003-003	YAG Rod Refurbish, Mount and Laser Test, 4-mm
R010002-004	YAG Rod Refurbish, Mount and Laser Test, 3-mm
# 100088-	Rod Flow Tube
010338	Cavity Set, ceramic, for 010353-001, -003
010182-004	Cavity Set, gold, for 010353-002, -004, -005
010050-002	Lamp Contact Assy, Positive
010050-003	Lamp Contact Assy, Negative
# 120007	Rear (HR) Mirror
# 120008	Front Mirror, 90% R (CW models)
201503	Crescent Washer (Wave Washer)
* 120011	Lamp Contact Band (2 required)
# 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
010115	High-Speed Shutter Assy

MODULE LEVEL PARTS for LAMP POWER SUPPLY

<u>Part No.</u>	<u>Description</u>
010348-001	Power Supply, Pulser
010641	Charger Assy
200881	Converter Power Supply Module for Charger Assy
020091-009	Interlock/Water Quality PCB Assy (A2)
020044	High Voltage PCB (A4)
020072-001	LED Front Control Panel PCB Assembly (A12)
020074-001	Pulse Simmer PCB Assembly (A15)
020075	Pulse Width Control PCB Assembly (A16)
020076	Pulse Main Switch PCB Assembly (A14)
020077	Pulser Parallel Trigger PCB Assembly (A11)
020079	Thumbwheel Mother PCB Assembly (A19)
020080-001	External Laser System Control PCB Assy. For digital input signal. (A6)
020080-002	External Laser System Control PCB Assy. For digital input signal. (A6)
020080-003	External Laser Power Control PCB Assy. For digital input signal. (A6)
020080-004	External Laser Power Control PCB Assy. For digital input signal. (A6)
020082	Converter Interface PCB Assembly (A17)
020099	Pulse Trigger Isolation PCB Assy (A20)
200763	Digital Panel Meter
200461	EMI AC Line Filter
120022-001	Indicator Lamp, for switch (pkg 5)
120230	Key Switch
120231	Power ON/OFF Switch
120232	Shutter OPEN/CLOSE Switch
120394	PUMP START Switch Upgrade Kit
010254-002	High-Speed Shutter Driver Assy
020040-001	Power Supply Heat Sink Assy, ∇ 15 vdc, 3 Amp
020056	High-Speed Shutter Driver PCB Assy

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

<u>Part No.</u>	<u>Description</u>
010040	Flow Switch Assy
010062-001	DI Water Over-Temp Sensor Assembly
010095	DI Water Temperature Sensor Assembly
120178	Inline Water Filter with Screen
120522	Replacement Water Pump Assembly (for lasers after April 2003)

<u>Part No.</u>	<u>Description</u>
120562	Water Pump Upgrade Kit (for lasers manufactured before April 2003)
120369	Low Water Level Sensor Assy
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.
120236	Consumable Parts Kit, 650
120242	General Maintenance Kit, 650
120388	Laser Operation Manual, LOM-650. 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>
101127	Head Block Base
100586	Lamp Power Connector
100565	Head Cover
100581-001	Lamp Contact Base, Positive
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
010274-001	Shutter Assy, with shutter sense

- * Routine periodic replacement required
- # Occasional replacement may be necessary
- + Pending Lee Laser evaluation