

INFINITY

COMPONENT DESCRIPTION	PART NUMBER	
COMPONENTS		
Infinity System	0166-883-00	
EMI Filter Assembly (Europe Only)	0168-869-00	
Maintenance Kit	0167-217-00	
Infinity Computer Option	0166-879-00	
Computer Only	2000-0089	
Monitor Only	2000-0075	
DB-9 Cable	0168-333-00	
Infinity Windows Software	0174-110-00	
Infinity 40-100 EPROM	0168-791-00	
Infinity 25-50 EPROM	0168-791-00	
LASER HEAD, OPTICS		
DPSS Laser, Tested	0166-000-52	
DPSS Laser, Refurbished	R167-706-00	
Faraday Isolator (New Style)	0165-944-00	
Faraday Isolator Upgrade Kit	0170-622-00	
Collimating Lens Assembly	0167-307-00	
Fold 1064 HR (Closest to Faraday)	0168-086-00	
Reversed Fold 1064 HR (Closest to Spatial Filter)	0168-087-00	
Tilt Assy 1064 HR (Power Detector)	0168-088-00	
Front Foot Rev. Fold Assy	0168-087-00	
Thin Film Polarizer	0168-089-00	
Polarizer Tilt Assy	0168-089-00	
Shutter	0166-006-00	
Vacuum Spatial Filter	0165-939-50	
Pot Assembly (Tested)	0166-008-50	
Pot Assembly (Refurbished)	R166-008-50	
Flash Lamp Kit	0167-381-00	
Relay Lens 1 Assembly	0167-305-00	
Relay Lens 2 Assembly	0167-306-00	
Relay Vacuum Cell	0167-310-50	
HR Mirror, R=+10cm	0164-682-00	
90 Degree Rotator	0164-684-00	
Quarter Wave Plate Assembly	0167-309-00	
SBS Lens Assembly	0167-308-00	
SBS Cell	0165-938-50	
Beam Dump	0166-021-00	
Output Window, 1064/532 nm	0167-311-00	
532/355 Telescope Assy (1.8x)	0167-860-00	
532/355 Telescope Assy (11 mm beam, For OPPO)	0169-832-00	
532/1064 Telescope Assy (1.8x)	0167-861-00	
Telescope Vacuum Cell Assy (1064/532 AR Coated)	0168-474-00	
Telescope Vacuum Cell Assy (532/355 AR Coated)	0168-475-00	
HARMONICS		
Second Harmonic Option	0166-875-00	
Third Harmonic Option	0166-876-00	
Fourth Harmonic Option	0168-599-00	
Fifth Harmonic Option	0170-308-00	
Turning Mirror, 532 nm	0165-157-00	
Turning Mirror, 355 nm	0165-158-00	
Turning Mirror, 266 nm	0167-025-00	
Crystalline Quartz Prism (to turn 266 nm)	0168-684-00	
SHG Cell, Tested	0168-078-50	
THG Cell, Tested	0168-080-50	

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COMPONENT DESCRIPTION	PART NUMBER	
FHG Cell, Tested	0169-277-50	
5HG Cell, Tested	0170-309-50	
Wave Plate for 532 nm	0167-057-00	
Magical Waveplate Assy. (Between SHG and THG)	0167-312-00	
IR Stripper	0166-975-00	
Heater Extension Cable (4HG)	0170-321-00	
LASER HEAD ELECTRONICS		
PCBA, Photocell Board	0166-267-50	
Capacitor Bank	0166-028-00	
Head Board 1	0168-755-50	
Head Board 2	0168-757-50	
Energy Modulator Board	0166-726-50	
Signal Distribution Board	0166-343-50	
Ignition Transformer	0166-323-00	
Head Fan	2601-0164	
POWER SUPPLY ELECTRONICS		
Booster Board	0164-777-50	
CPU Board	0167-188-50	
Control Board, External Connectors	0167-823-50	
Control Board, Internal Connectors	0168-863-50	
Condor Power Supply, VKA 430 (Digital)	4001-0211	
Condor Power Supply, VCA 420 (B-)	4001-0216	
Trigger Board	0167-849-50	
Contact Fan	0166-779-00	
Booster Board Fan	0166-780-00	
Transformer Fan	0166-780-00	
Transformer, 380-208 V	0166-459-00	
Transformer Filter Board	0168-610-00	
Key Switch, 2 Position	5107-0167	
Fuse, Main Fuse Block 25A 500V	5110-0341	
POWER SUPPLY, WATER SIDE		
Water Pump Assy	0166-554-00	
Fuse, Water Pump Block 10A	5110-0330	
Resistivity Test Cell Assy	0166-633-00	
Particle Filter	2603-0144	
Flow Controller	2205-0035	
Deionization Cartridge	2603-0141	
LASER HEAD MOUNTS		
Optical Isolator Assy	0166-001-00	
Collimating Lens Assy	0166-002-00	
Rev. Fold Mirror Assy	0166-003-00	
Fold Mirror Assy	0166-004-00	
Thin-Film Polarizer Assy	0166-005-00	
Slide Mount Spatial Filter	0166-007-00	
Pivot Mount Spatial Filter	0166-551-00	
Relay Lens 1 Mount	0166-011-00	
Relay Lens 2 Mount	0166-014-00	
Relay Mirror Assy	0166-013-00	
90 Rotator Assy	0166-015-00	
Quarter Wave Plate Assy	0166-016-00	
SBS Lens Assy	0167-173-00	

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COMPONENT DESCRIPTION	PART NUMBER	
Heated Harmonic XTal Mount Assy	0168-742-00	
Heated Harmonic Upgrade Kit	0169-170-00	
FSE		
Lens, f=-10cm, 1064/532 nm	0167-803-00	
Lens, f=-10cm, 532/355 nm	0167-810-00	
Adjustment Knobs	0167-327-00	
Weird angle Mirror Holder	0167-485-00	
HR Mirror for 1064 (Antares)	0333-876-06	
Turning Mirror, 1064 nm	0164-675-00	
Faraday Alignment Apertures	0206-690-00	
Spare Power Meter Absorber VIS	0214-465-00	
Spare Power Meter Absorber UV	0214-462-00	
Spare Power Meter Absorber IR	0214-467-00	
COVERS		
Cover, Head	0165-593-00	
Cover, Handles	0165-592-00	
Cover Trim Strips	0166-769-00	
Cover Seal Set	0168-972-00	
Cover, Striker Plate	0161-280-00	
Cover, Bottom	0165-573-00	
Endplate, Fan (NonCE-MARK)	0165-576-00	
O-RINGS		
¹ Inner O-Ring, Inside POT	2503-0150	
¹ Outer O-Ring, Inside POT	2503-0160	
¹ O-ring Between POT, POT Manifold	2503-0016	
¹ O-ring Between BO. Board, Chill Plate	2503-2144	
¹ O-ring Between HB 1, Plastic Sp.	2503-2138	