

**Stepper Care Services, Inc.**  
**Spare Parts Price List**  
**Note: Prices are Subject to Change**

<u>Item</u>	<u>Description</u>	<u>Price</u>
01-17421-001	Central Sys Cntrl, Pentium	9,000.00
01-19336	Cool Plate Assy, High-Eff, STC, EPR	3,760.00
02-01280	pnuem Bd Assy, Coolplate	840.00
02-01415	PCB ASSY, Oven Analog	1,265.00
02-01448	Sensor, Board Asst, 9' Cable	450.00
02-01581	Sensor, assy, cass, elev, swi	56.25
02-01582	Sensor Assy, Elevator	495.00
02-02725	Motor, Step 1.8 DEG 12VD	258.00
02-03180	Board Assy, Banner Sensor	493.05
02-10720	PCB ASSY, Spin Control Board	1,125.00
02-10723	PCB ASSY, Spin Control Driver	850.00
02-12783-001	SPIN MTR ASSY,24V,7.2A,FLT SFT	1,995.00
02-12876	PC Assy, Chamber Mother Board	596.00
02-13151	PCB ASSY, SERVO INTRC,INTRF,ORB	405.00
02-13480-001	PCB ASSY, MULTI I/O, 1 MOTOR	970.60
02-14658	Spin Motor Assy, Proc, Chamb, Orb	24.05
02-15374	PC Assy, Motor Interconnect	585.00
02-15581-001	PCB Assy, Step Motor Ctrl, Orbit	1,359.00
02-15581-002	PCB Assy, Step Motor Ctrl, Orbit	990.00
02-15782	Stepper Motor Assy, Disp Arm	1,427.00
02-15999	Stepper Motor Assy, Tpm	1,238.00
02-16135	Stepper Motor Assy, Cass I/O	1,260.00
02-16278	PC Assy, Interface, Mother, Nikon G6	660.00
02-17843	Power Supply Module	730.00
02-18287	PCB W-Ram & Termin	2,140.00
02-19302-004	Cup Assy, Coat, 150mm, W/T-EBR, KR	11,877.00
02-19599	Mouse Assy	176.00
02-22316-001	Paddle Assy, Equipe, 6-8' Wafer	3,960.00
02-22318-004	Paddle Gluement, 4.5'X4.5' SQ	3,879.00
02-25125-001	Pin Lift Assy, Oven, Scorpio	8,946.00
02-25493-002	Sensor Assy, Liq, Det, Disp,Line	1,690.00
02-26251-001	Assy, Stepper Motor, Disp Arm	3,582.00
02-27303-001	Motor, Rotary Interface..	1,870.00
02-29758-002	Paddle Assy, 2 Button Type, Utpm	1,926.00
02077718	CX/PO Lens (C1 Plano I-line)	365.00
028467G1	XL Aperture Sensor	280.00
028944G1	Aperture Blade Motor	950.00
03-00538	Cup, Feed, LH	650.00
03-02198	Chuck, Delrin, 150mm	2,150.00
03-07163-001	Belt, Wafer	4.75
03-07163-002	Belt, Wafer (8.49)	4.35
03-07163-003	Belt, Wafer	3.95
03-09023-003	Nozz.lin.disp.coat.polyp	127.46
03-14401	Pulley, 30T, .250 Bore	279.00
03-14405	Paddle, Wafer	784.00
03-14697-001	Pin, Wafer Lift, Grooved, SS	140.00
03-15356	Enclosure Upper Process Chamber	870.00
03-16960-008	End Effector, 5", All	1,500.00
03-17098-001	Housing, Pin Lift	840.00
03-17100-001	Lead Screw and Nut	1,125.00
03-18673	Drawing Only - Coater Bowl, FPD 500	750.00

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03-19306	Ring, EBR, 150mm, 60Deg Noz, Delr	3,578.00
03-19785	Trap, vacuum, 3 ports	350.00
03-20349-002	Screw, Chuck FPD 500, Vespel Polyimide	288.00
03-20349-003	Screw, Chuck FPD 500, Seitron ESD 420	130.00
03-20446	Cup, Vacuum, Robot Arm - Meldin 2001	340.00
03-20447	Spacer, Robot Arm - Peek Black	72.00
03-21835	Pin, Substrate Lift, APEX 500	495.00
03-22694-001	Housing, Arm Lift Seal Holder	450.00
03-22782-001	Block, Nozzle, Dev. Mount Apex - Teflon	200.00
03-22784-001	Block, Nozzle DI Water, APEX - Teflon	200.00
03-22963-001	Shaft, Arm Lift Block Pusher	345.00
03-23377-002	Vacuum Chuck, 3.125' diameter	1,656.00
03-24951-001	Tube, Solvent Cup	441.00
03-27579-001	Plate, Subs Nest, 4.5sq, Orb	2,489.00
04-00031	Bushing, Ball	136.92
04-00047	Oring	15.00
04-00097	Cylinder, Air .75BX3.0S, DBL ACT	105.00
04-00098	Cylinder, Air .75br, .5stroke,DBl Act	105.00
04-00103	Bearing, Linear, Slide	77.10
04-00170	Belt	7.00
04-00189	Belt, timing	21.33
04-00278	Switch,Vac,0-30' HG, 1/4 FNPT	140.13
04-00280	Gauge, Vacuum	71.25
04-00283	Valve, Toggle, 3W, 10-32ports, NPB	25.75
04-00584	Fit, Clpk,Male	9.70
04-00887	O-Ring	4.72
04-00897	Cool plate flow valve	399.00
04-01175	Oil Seal	22.00
04-02188	Fit,Blkhd Union,3/16c,Tfe	74.85
04-02241	Bearing, Linear	102.70
04-03127	Switch, air pressure, 50' W.C.	60.00
04-03377	Fit, Comp, .1/8 x 1/4 F, Teflon	41.25
04-04415	Switch, Pressure, 0-3 Psig, Spdt	3.78
04-04441	Vibration Mount	6.88
04-06330	Air Cylinder	37.50
04-06524	Flow Meter 50-500 ML/MIN, EP O-Rings	1,520.00
04-07128-003	Flow Meter, Cup Rinse, Kalrez	3,568.00
04-07385	Bearing,.620DX .25ID, Seal, Flngd	44.65
04-07540	Valve, Bellows, 2Way, NC, AP, 1/4c	345.00
04-07692	VALVE,AIR ACT,2WAY,NC,3/8C,BN	567.00
04-08207	VALVE,CHECK,1/3PSI,1/4C,SS,KR	190.75
04-08525	Regulator, Vacuum, V-900, 30 Hg	82.50
04-08565	Valve, 3-Way	58.00
04-08670	Subbase, single valve w/ flo control	599.24
04-08681	Stud, 1/4 T, RA Bail HD,.42 THK	3.37
04-08760	BASE,SUB,SNGL VALVE W/FLOW CTL	49.50
04-09226	Vacuum Generator	85.00
04-09250	Meter, Flow	60.00
04-09654	bearing, ball 1.0x1.500x.25	65.00
04-09655	bearing, ball,.75x10.00x156STL	65.00
04-12858	Valve, Solenoid, 3-Way	62.50

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04-12939	Fitting, Elbow, 10-32x1/8 barb, nylon	1.15
04-14903	Bearing	182.00
04-15007	VALVE CHECK,1/3 PSI, 1/4FPT	294.50
04-15224	Valve, Flow CTL, 10-32F Ports, SS	36.00
04-15287	Bearing, Dispense arm	225.00
04-15528	Fitting Quick Disconnect Stem 1/16	47.70
04-15596	Fitting, One-Touch, 1/8mnpt (package of 10)	90.90
04-15597	Fitting, One-touch, 10-32UNF, (Package of 10)	89.10
04-15598	Belt, Timing, 1/4W, .08P, 100G, URE	14.00
04-16057	bearing, ball .500DX.25IDX.22W	65.00
04-16297	Fitting, 1 touch, Elbow	10.45
04-16369	Tubing 3/32 O.D. Per Foot	1.75
04-17222	Seal, Vacuum	12.15
04-17699	O-ring, 10.48ID X .139Thk, Kr	3.55
04-19101	Fitting, Tip Retainer	72.00
04-19579	Gasket, Tip .63od X .25	51.00
04-19580	Gasket, Tip, .63od X .44id	12.80
04-19581	Filter, Screen Strainer, HP Jet	96.00
04-19666	Nozzle, Spray Tip, .005 dia.	235.00
04-20028	Cylinder, Dbl, Actuating	252.00
04-20801	Indexer, SMIF, 1NX2200 W/150	98.80
04-21606	Gear Head, Planetary 20:1	4,000.00
04-21697	Seal, 25mm Shaft, Avalon	365.00
04-21702	Bearing, 25mm X 37mm	180.00
04-22105	Valve, Manifold, Assy.	392.00
04-22520	Valve Assy, Sol, 4Port, 2Valve	0.73
04-22992-001	Seal, Oil, .25	24.95
04-23024-001	Nozzle, Spray, .43 Orifice	23.70
04-23647-001	Flwmtr, SS, 5-55ml/min, Epr/Tef	460.00
04-23648-001	Flwmtr, SS, 15-154ml/min, Epr/Tef	470.00
04-23649-001	Flwmtr, SS, 74-745ml/min, Epr/Tef	465.00
04-23932-002	O-Ring, EBR #4, KR	526.00
04-23932-003	O-Ring, EBR #6, KR	817.00
04-23932-004	O-Ring, EBR #5, KR	713.00
04-24292-001	Bearing, Crossed Roller, 4.0 travel	1,043.00
04-25677-001	Flowmeter, 0-100cc/min, No Valve	713.00
04-25678-001	Flowmeter, 0-200cc/min, w/o valve	713.00
04-25679-001	Flowmeter, 0-600cc/Min, W/O Valve	745.00
04-25944-001	Pump, 16s,av,htm,kal,3/8cf,15ft	13,528.00
044872	Lamp House Window	715.00
05-00028	Motor,Stepper,12VDC,7.5 DEG	12,500.00
05-00587	Sensor, Assy, Optical	563.00
05-00704	Fan, Whisper	50.63
05-02058	Motor, Stepper	310.00
05-02561	Relay, Solid State	116.25
05-02698	Motor, Step, 12 VD	130.00
05-03020	Controller, temp, Wattlow Series 96	798.00
05-03516	Lamp, Indicator,Cal	3.40
05-06880	Switch, Vac, SPDT, 0-30'hg, 15Amp	57.00
05-11882	IC, Ram w/battery	57.50
05-12670	Motor Spin, 24V, 7.5A	2,650.00

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05-12985	Photomicrosensor	55.00
05-13089	Microstepping Drive-IM483	468.00
05-14330-001	Battery, 80186 pcb	50.00
05-14700	Spin Controller, 200mm System	26.55
05-14915	Relay, S.S. 3-32 Cont - 280 Vac 25A Out	92.25
05-15394	Contact, Power, Female	14.55
05-15661-014	Contr, Robot, 4Axis, 1/2Rack, Upg	18,900.00
05-16109-002	Thermocouple, Oven/Cool. J Type, Scorpio	138.00
05-19147	Sensor Low pressure PX170-14dv	145.00
05-20678-001	SENSOR,MAGNETIC,TYPE NPN,1METR	120.00
05-22560	3Com EtherLink III ISA Combo Network adapter	95.00
05-23481	Fuse, Micro, 3 Amp, Very Fast	6.10
05-23482	Fuse, Micro, 5 Amp, Very Fast	6.10
05-23745-001	Robot, Equipe, ATM307-2, 17.30 z	37,500.00
05-23850-001	Power Supply Cybor, 4 ctrls, 518	2,908.00
05-24065-001	Thermocouple Oven, univ tpm	150.00
05-24827-001	Transducer, 4-20ma out, 1/4mpt	690.00
05-29029-001	CNTRLR, CPS100SX, W/RESET,R-Conn	2,025.00
05-90004	Robot Vacuum Sensor	75.00
06-06323	E-Ring, External, .25 Shaft	3.92
06-19310	Washer, spider, valve, epr	23.25
06-22742	Spacer, Bearing	3.80
07-10613	Nozzle, Floodjet, Mod.	290.00
08-24125	OAI Probe, G-line 436nm	600.00
080603	Chuck low contact 8" for Theta 3	7,500.00
19-15459-001	Cable Assy, Rot Horz Mtr&Enc CL	421.00
19-15948-003	Earlier version of 19-23748-001 missing rear cable	285.00
19-16137-001	Cable, Cass sens & SW a/c	108.00
19-18784-001	Cable Assy, power control to chemical cabinet, Ort	550.00
19-18905-001	Cable Assy, Process Chamber to Chemical Cabine	1,200.00
19-19061-001	Cable Assy, System to Chemical Cabinet, Orbitrak	550.00
19-19999-001	Parts Stored in Ireland	455.87
19-23748-001	Cable Assy, Phase PowerSpin #1	420.00
20-00101	Tool Box: Loaded for GCA stepper repair with spec	1,200.00
20-00102	Oscilloscope, Tektronix, Used	350.00
24-10001-001	SSI BOM Documentation	450.00
24-13541	8500 Rev 2 Manual	300.00
24-15000-001	Manual, System 500 Supplement	350.00
24-15000-002	Manual, System 150/500 Operator's Manual	275.00
24-15000-003	Manual, System 150/500 Maintenance Manual	350.00
24-85000-001	GCA 8500 Service Manual	250.00
24-85000-002	GCA 8500 Operations Manual	250.00
24-85000-003	GCA 8500 Schematics Manual	350.00
27-17669-001	Rebuild Kit, High Pressure Pump, Haskel	635.00
27-22109-001	Oven Assy, plate element, housing, Insulator	14,950.00
28-00101	Upgrade: Wafer Size conversion to 6" wafers and	17,520.00
33-25882-001	Test Fixture, Vacuum Adj, 6"	350.00
38-10002-001	Document, Reticle Handbook	375.00
44-444	Shipping & Handling	16.50
44-667	One Year Service Agreement 1 week visit per year	10,000.00
44-888	Shipping & Handling	16.50

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Item	Description	Price
444-555	Crating Services	3,000.00
444-999	A-Frame, Stepper Shipping Bracket	1,000.00
ACS-103	Wyse, Monitor, Keyboard, Communication Cable	465.00
ACS-104	ACS with Weather station	13,000.00
ACS-105	ACS Chassis Non-Weather	11,000.00
ACS-106	Cable ACS to Compensator	215.00
ACS-107	Probe, ACS Humidity	490.00
ACS-108	Probe, ACS MT0	490.00
ACS-109	Probe, ACS MT1	470.00
AFS-101	Inline Nitrogen Filter	0.00
AFS-102	Fiber optic cable 42"	440.00
AFS-103	Lamp socket for AFS 100	46.00
AFS-104	Column Air Regulator	750.00
AFS-105	Autofocus Lamp Power Supply (066540G1)	375.00
AFS-106	Galvo Motor, 037198G2	1,700.00
AFS-107	Autofocus Cable (067989G1)	465.00
AFS-108	Auto Focus Lamp Assembly	500.00
AFS-110	Galvo Motor, 067973G1	1,700.00
AFS-111	PCB ASSY, AU83 Preamp	685.00
AFS-202	Galvo Motor, 067973G1	1,700.00
AFS-203	PCB Assy, AU64	490.00
Align-101	PC Assy, AU66	685.00
ARF-101	Power Supply CCD	1,450.00
ARF-102	Autofocus subsystem	10,000.00
ARF-103	Dose Subassembly, Probe, Electronics Box	10,000.00
AS-201	Metrology computer subassembly, Power Supplies	10,000.00
Auto-1838	A fork assembly	325.00
AWH-102	GCA I-line Stepper	27,500.00
AWH-103	AWH1 air valve	65.00
AWH-107	AWH1 Vacuum sensor	55.00
AWH-109	Cable, Transfer Arm Sensor	95.00
AWH1-102	Laser Detector Assy AWH2 100mm	1,280.00
AWH2-101	AWH1 Microscope Power Supply	850.00
AWH2-102	Laser driver, receiver, mother pcb, Assy	2,400.00
AWH2-103	Motor, prealigner-T/A arm	300.00
AWH2-104	AWH Proms version 20	600.00
AWH2-105	Send Paddle AWH2 100mm	750.00
AWH2-106	AWH 2 prealign assembly	7,500.00
AWH2-107	Belt, AWH2 Prealign	25.00
AWH2-108	Pulse Motor Drive PCB	1,200.00
AWH2-109	Laser Emitter Assy 100mm	1,970.00
AWH2-110	Laser Detector Assy AWH2 100mm	1,280.00
AWH2-111	Send Robot Assy 045288	2,995.00
AWH2-112	Motor AWH2 Elevator 047739	395.00
AWH2-112R	AWH Subcontroller	8,075.00
AWH2-113	Rebuild AWH Subcontroller	1,950.00
AWH2-114	Cable Assy Send Robot Sensor 067400	135.00
AWH2-115	Vacuum Sensor 045304	550.00
AWH2-116	Air Regulator, AWH Subcontroller	225.00
AWH2-117	Cable, LS29b to receive puck	95.00
AWH2-118	Cable, C33R C34R C35R to C18P C19P C20P	140.00

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AWH2-119	Bearing, AWH2 Robot	25.00
AWH2-120	PC Assy Sub I/O AWH (045318)	1,540.00
AWH2-121	PC Assy, Sub CPU AWHII (045317)	1,445.00
AWH2-122	Power Supply AWH -24v, -5v (045325)	1,570.00
AWH2-201	T/A emitter and detector Assembly LS5	845.00
AWH2-202	AWH2 chassis with all PCB's	8,500.00
AWH2-306	Prealign detector, emitter, Assembly..Includes LS1	2,690.00
AWH2-311	AWH Subcontroller pneumatic Hose Replacement	1,650.00
AWH2-312	Photo sensor and cable LS34	115.00
AWH2-313	Photo sensor and cable LS35, LS36	140.00
AWH2-314	Photo sensor and cable LS22, LS23	190.00
AWH2-315	PCB, Microscope Lamp PWS	625.00
AWH2-316	Cable, sub-controller to patch box	325.00
AWH2-317	Robot, AWHII Receive (02085801)	2,150.00
AWH2-318	Transfer Arm Assy, AWH2 (refurbished)	4,850.00
AWH3-101	Cable, Transfer Arm Clutch, LS17 to LS31, LS32 (	140.00
AWH3-102	AWH3 send elevator cable	85.00
AWH3-103	Photo Sensor, T/A Height	110.00
AWH3-104	Belt, AWH3 Prealign	25.00
AWH3-105	Prealign Laser/Det Assy 150mm	3,600.00
AWH3-106	Paddle Send 150mm AWH3	750.00
AWH3-107	Paddle Receive 150mm AWH3	750.00
AWH3-108	Laser Detector Assy, AWH3 100mm	3,800.00
AWH3-109	Paddle, Send AWH3B 100mm	1,200.00
AWH3-110	Paddle, Receive AWH3B 100mm	1,200.00
AWH3-111	AWH Chassis with all pcb's	8,500.00
AWH3-112	AWH3, Transfer arm sensor cable #1 (067508)..	135.00
AWH3-113	AWH3, Transfer arm sensor cable #2 (067510)..	135.00
AWH3-114	AWH3, Prealignment sensor cable (067509)	135.00
AWH3-125	Stepper Motor AWHIII with Gear for T/A (047735)	725.00
AWH3-126	PCB, Stepper Motor Drive (045319)	850.00
AWH3-201	Vacuum solenoid	1,350.00
AWH3-202	Paddle Modification Includes:..Switch Box..Theta P	17,000.00
AWH3-203	Transfer Arm Assembly (refurbished)	4,750.00
AWH3-204	Clutch, Micro AWH T/A + TT (045298)	356.00
AWL-101	Back Lash Gear T/A Assembly (USED)	300.00
AWL-103	Motor, AWLII leveling 037050G1	550.00
AWL-104	Motor, Thetall, Rotation	465.00
AWL-201	AWL-104 Motor, Thetalll, Rotation	465.00
Cam-101	Theta II Stage	7,000.00
Cam-102	Microscope Objective	1,200.00
Cam-103	Microscope Corner Mirror	295.00
Cam-104	Sierra Camera Head	1,495.00
Cam-106	Microscope Reticle Objective	850.00
CCD-101	CCU 1023 Style	2,005.00
CCD-102	CCD Camera Upgrade	3,950.00
CCD-103	CCD Camera 72S W/AGC	2,500.00
Cham-101	CCD Camera Power Supply	1,495.00
Cham-102	TCC 067621G3	3,900.00
Cham-103	TCM 02019306	1,650.00
Cham-104	HVAC Unit, XLS	8,000.00

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Cham-105	XLS Chamber	50,000.00
Cham-106	HVAC Unit, XLS	10,000.00
Cham-107	Chamber HEPA Filter	1,150.00
CHAM-108	Switch, HVAC Blower	420.00
Comp-103	Chamber Control Unit	2,250.00
Comp-107	Computer DEC 11/53 W/O PCB's	2,500.00
Comp-107R	DEC 11/53 Computer with PCB boards	7,000.00
Comp-109	DEC 11/53 Computer With PCB's, Rebuild	1,950.00
Comp-110	Pcb, Boot Control, DEC, 11/53	850.00
Comp-111	DEC, Floppy Disk Drive	295.00
Comp-501	MTI Tape Drive, 3 tapes	120.00
Cym-101	HP Compensator, 5510A	875.00
Cym-102	Cymer Laser, model 4000 as-is	10,000.00
DFAS-101	Shutter, Cymer (R04-06120-05)	1,800.00
DFAS-102	Photo Multiplier Tube 047707G1	725.00
DFAS-103	Power Supply DFAS / Insitu	825.00
DFAS-104	DFAS Cable, Rack-stepper-Back Panel	360.00
DFAS-108	Cable, DFAS Internal Rack (068765G1)	540.00
DFAS-110	DFAS, Monitor GCA - 9 pin	350.00
DFAS-111	Hard Disk Drive Controller for IBM Computer and I	325.00
HVAC-101	DFAS Computer IBM	4,200.00
IAS-101	HVAC Blower Motor 1/3hp	346.00
IAS-102	IAS Chassis with all PCB boards	9,500.00
IAS-103	Muffin Fan 115V 5" for IAS Chassis	99.75
IAS-201	PC ASSY IAS HSDL Interface (043023G1)	1,450.00
IAS-204	Zip-Array process pcb's set of four	3,000.00
IAS-205	Zip-Array process pcb #3	750.00
IAS-206	Zip-Array Process PCB #4	750.00
IAS-207	PC ASSY, Zip Base Memory (039997)	1,375.00
Int-101	IAS Power Supply	179.00
Int-102	Interface Power Supply 15V 045196G3	1,700.00
Int-103	AU79 PCB 068222G1	1,800.00
Int-104	Interface Chassis with all PCB's	7,500.00
Int-105	AU79 PCB 047763G1	1,400.00
Int-106	Power Supply, 5VDC (00159202)	425.00
Int-107	AU60A interface PCB (005908G2)	1,450.00
Int-108	AU57A Interface PCB (005878G1)	1,150.00
Int-109	AU59, Laser Conditioning PCB, Interface	945.00
Int-110	Interface Power Supply 5VDC	425.00
J40-218-9634	AU58 interface PCB	
Las-102	Vacuum Switch, 04-00278	58.50
Las-103	HP laser Transducer 5501B	6,000.00
LAS-105	Replacement Stage Laser Upgrade with..stand alo	7,500.00
Las-108	Tool, Laser Alignment	200.00
Laser-101	Laser, X/Y Stage 1001A	7,495.00
Maxi-101	HP Laser Receiver	900.00
Maxi-102	Anode cable	95.00
Maxi-103	Microswitch, Maximus Housing	25.00
Maxi-104	Cylindrical Lens	1,950.00
Maxi-105	RTD Probe w/horseshoe 068391G1	425.00
Maxi-106	Mirror, M1 I-line	4,275.00

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Maxi-107	Window, Lamp House	1,790.00
Maxi-108	Filter, Narrow Band I-line	2,400.00
Maxi-109	Lens, C1 Plano I-line	1,100.00
Maxi-110	Mirror, Ellipsoidal I-line	1,450.00
Maxi-111	Mirror, M2 I-line	1,100.00
Maxi-112	Mirror, M1 G-Line	2,900.00
Maxi-113	Maximus 2000 I-line Power Supply 02103523	12,000.00
Maxi-114	Maxi 1k i-line narrow band filter 039856	675.00
Maxi-115	Thermal couple cable 02122806	425.00
Maxi-116	Shutter Solenoid	215.00
Maxi-117	C1 I-Line Assy, Maxi 2000 (043412G2)	5,750.00
Maxi-118	Temperature Control PCB	485.00
Maxi-119	Cathode cable, Maxi 2000	95.00
Maxi-120	Ignitor Box, Maxi 2000	1,250.00
Maxi-121	Power Cable, Ignitor to PWS (067585G1)	520.00
Maxi-122	Power Supply, Maximus 1000	6,500.00
Maxi-123	Cable, Ground Maxi 2000, 045969G1	145.00
Maxi-124	Set of I-line Maximus Glass optics includes...M1 M	12,500.00
Maxi-125	Ellipsoidal I-line	2,200.00
Maxi-126	Shutter Blade, Maxi 2K	350.00
Maxi-127	Shutter Bumper, Maxi 2K	45.00
Maxi-128	Thermal Couple Cable 25 ft.	145.00
Maxi-129	Cable, 1000W Lamp Anode	275.00
Maxi-130	Apodizor	750.00
Maxi-131	Timer, Mechanical, with Reset	289.00
Maxi-132	Bearing Cone	68.00
Maxi-133	Bearing Cup	26.00
Maxi-134	Mirror, M4 G-line	1,100.00
Maxi-135	Fiber Bundle, Maxi 1K, 006531G2	4,200.00
Maxi-136	Doublet Assy	600.00
Maxi-137	Filter, Dichroic, Maxi 1K	225.00
Maxi-138	Maxi2K Lamp Stage 067220G3	4,700.00
Maxi-201	Heat Sink for Arc Lamps	100.00
Maxi-202	Maxi 2000 Power Supply G-line GCA# 067087..	7,000.00
Maxi-203	Maximus 1000	5,100.00
Maxi-204	1000 Watt I-line Lamp (IC HASH 1000G)	725.00
Maxi-205	Mercury Arc Lamp, USH-1000FGIL2	1,400.00
Maxi-206	Lamp, Mercury Arc Lamp I-line..USH-1000FGI	1,320.00
Maxi-207	Mercury Arc Lamp, USH-1000FGLS	1,030.00
Maxi-302	Lamp, Mercury Arc Lamp I-line..USH-1000FGL3	950.00
Maxi-303	Fiber Bundle Maxi 1000 (006531G2)	5,000.00
Maxi-304	Fiber Bundle Maxi 1000 (006531G4)	5,000.00
Maxi-305	Narrow Band Filter G Line (039918)	3,600.00
Maxi-306	Cable Assembly GND Lamp	0.00
Met-103	Digital Thermometer and Cable	0.00
Mon-101	Metrology Computer Upgrade for AutoStep	16,000.00
Mon-102	Monitor, CGA	295.00
Mon-103	Monitor, VGA DFAS	350.00
Mon-104	Monitor, DEC VT340	865.00
Mon-105	Video Mux PCB, 044915G3	1,320.00
O5-00484	VT100, 525 PCB, 036702G2	1,290.00



**Stepper Care Services, Inc.**  
**Spare Parts Price List**  
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Item	Description	Price
PCC-101	Motor, Brushless, 24 VDC, 4A, 3 PHASE	2,210.00
PPC-102	Power Control Center, XLS	10,000.00
PPC-103	PPC A/D power supply PCB 047408G1	1,300.00
PPC-104	Piezo PPCII	3,000.00
PPC-105	PPC Power Supply, 006568G2	3,450.00
R02-02770-002	PPC Electrical Box	3,800.00
R02-10002	Repair Cup Assembly DEV 150mm..Replace Base	2,540.00
R02-10003	Refurbished PCB ASSY, 44/10 W/RAM	1,080.00
Rack-101	Orion Thermal Fresh ..Temperature and Humidity (	9,995.00
Rack-101R	Monitor, Single rack	6,200.00
Rack-102	Rebuild single rack monitor.	2,950.00
Rack-103	Monitor, Single Rack, white, no auto/text	5,500.00
Rack-106	Keyboard Single Rack 036517	640.00
Rack-107	VT100 PCB	850.00
Rack-108	Transformer and Distribution Box	1,825.00
Rack-109	Muffin Fan 115vac 12mm	55.00
Rack-110	Fan, RMS 3"	55.00
Rack-111	Fan, Computer, 4" 10vdc	120.00
Rack-112	Keyboard Cable	85.00
Ret-101	Monitor, DEC VT340	850.00
Ret-102	Reticle, Setup, 482509002, 250mil	2,150.00
RET-103	Reticle, DFAS, 4800-045	975.00
Ret-104	AFS-Masks	120.00
Ret-105	Reticle, Setup-01, 480009002, 90mil	2,250.00
Ret-106	Reticle, DFAS, 4800-024	120.00
Ret-107	Reticle, DFAS 4800-044	120.00
Ret-108	Reticle, Resolution 20mm	340.00
RMS-101	Reticle, DFAS 4800-003	0.00
RMS-102	RMS Proms version 5.01	600.00
RMS-103	RMS Main Cable	1,995.00
RMS-104	Reticle Cassette 90 mil	90.00
Rms-105	Coupling, Aligner Motor	110.00
RMS-106	RMS Fork and TT cable upgrade	365.00
RMS-107	Barcode Reader Assy 028634G1	1,250.00
RMS-108	RMS Elevator Motor (028497G1)	900.00
RMS-109	PCB, RMS Turntable Control (028875G2)	1,432.00
RMS-110	PCB, Elevator Control (028964G2)	1,365.00
RMS-111	Sensor, Turntable Align Sensor (028744G1)	166.00
RMS-112	RMS Power Supply 028522G1	7,200.00
RMS-113	Cable Assy A-Fork Microswitch	125.00
RMS-114	Vacuum Clamp Air Solenoid	185.00
RMS-115	RMS Pneumatics PCB	490.00
RMS-116	Cable Assy B-Fork Microswitch	125.00
RMS-117	Pneumatic Box, RMS	1,500.00
RMS-118	RMS Align Motor (005527G1)	390.00
RMS-119	Cable, RMS Turntable	115.00
RMS-120	PCB, RMS CPU	1,500.00
RMS-121	RMS Chassis with all PCB's and PWS	8,900.00
RMS-122	RMS Preamp PCB	465.00
RMS-123	Bfork Extend Sensor	120.00
RMS-124	Cassette Door Cylinder	189.00

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**Spare Parts Price List**  
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Item	Description	Price
RMS-125	Turntable motor and cable assembly 028495G1	1,600.00
RMS-126	PCB, RMS Align Driver (028881G1)	1,420.00
RMS-127	PCB, RMS Align Control (028878G1)	1,175.00
RMS-128	Fork Motor 028123G2	650.00
RMS-129	25ft 37pin RMS ribbon cable	95.00
RMS-130	Motor, RMS Aperture 028944G1	850.00
RMS-131	Front Emitter, 90mil, DFAS, 115mm (047678G1)	2,225.00
RMS-132	Reticle, Setup-01, .25", 482509002	2,250.00
RMS-133	Cable, RMS Crunch Detector	115.00
RMS-134	Flag assembly, RMS Cassette	220.00
RMS-135	Turntable Swivel Bracket with Cable	425.00
RMS-136	Belt, RMS Turntable Fork (028159)	36.00
RMS-137	RMS Aperture, Micro Switch Cable	110.00
RMS-144	PCB, RMS Aperture Driver (028839G1)	1,200.00
RMS-145	XL Aperture Blade Sensor	175.00
RMS-146	PCB, RMS Computer INTCON 028530G1	795.00
RMS-202	T-Pot RMS TT Motor	110.00
RMS-203	RMS Sub Assy	19,500.00
RMS-204	RMS Turntable Assembly	4,900.00
RMS-205	Elevator Lead Screw upgrade	1,995.00
RMS-206	Fork Assy, RMS, 'B'	425.00
RMS-207	RMS Power Supply SW +5V 30A 150W	725.00
RMS-208	RMS I/O Board	925.00
RMS-301	Cable, Ribbon, RMS I/O	95.00
RMS - 116	RMS pneumatic hose and TT cable Upgrade	1,995.00
S99-9000	Pneumatic Box, RMS	1,500.00
Stage-101	IDI Parts	6,700.00
stage-103	Oil, Fine Instrument 32oz	85.00
Stage-104	X-Stage Motor 035281G2	2,900.00
Stage-105	Y-Stage Motor 035282G2	2,900.00
Stage-106	Chuck, AWH3 Low Contact 100mm	6,600.00
Stage-107	Custom made low contact chuck.	6,000.00
Stage-108	Accelerometer Cable 20'	185.00
Stage-116	Accelerometer Cable 4'	105.00
Stage-117	Stage/Servo Chassis	4,900.00
Stage-118	Cable Servo J33 to Int AU60 J4	125.00
Stage-119	Cable Servo J32 to Int AU60 J6	125.00
Stage-120	Wafer Chuck 6" low contact, no cutout	5,400.00
Stage-121	Chuck, AWH1	2,750.00
Stage-122	Motor Y-stage 8" 046977G1	3,900.00
Stage-123	Pinion Gear, X	1,200.00
Stage-124	Pinion Gear, Y	1,200.00
Stage-125	Bumpers, X-Stage	425.00
Stage-126	Cable, P2	325.00
Stage-127	AWH II Piece Part Chuck	3,500.00
Stage-128	AWH II Piece Part Chuck, aluminum	2,500.00
Stage-129	AU54 Stage PCB	425.00
Stage-710	Accelerometer with 4 ft. Cable	1,700.00
TMC-101	Motor, X-Piezo, XLS	14,250.00
TMC-102	Isolation Module Assembly	1,950.00
TMC-103	Valve, Table Leg Air Regulator	285.00

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**Spare Parts Price List**  
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<b>Item</b>	<b>Description</b>	<b>Price</b>
Tool-101	Filter, Nitrogen, .05 Micron	275.00
Tool-102	Button Gauge	1,950.00
Tool-103	Indiac Base	500.00
Tool-104	Starrett Indiac	1,500.00
	Theta 1, standoff Fixtures	8,000.00