

Therma-Wave Opti-Probe  
OP 5220,5230, 5240  
Parts for Sale.



Therma-Wave's exclusive distributor in Europe for 20 years

Part Number	Part Description	Used in/as...
18-018955	Aperture Assy, Rotating	Optics Plate
66-018898	Actuator, Pneumatic, S95x1.5	Optics Plate
14-018948	PCB Assy, Rotating Aperture Sensor	Optics Plate
11-019166	Cable Assy, Limit Switch, Rotating Aperture	Optics Plate
97-016714	Camera, CCD, Pulnix 71	Optics Plate
11-017220	Cable Assy, Camera, Pulnix	Optics Plate
61-025395	Kit, Retro, Particle Control, 300mm – particle reduction kit for chopper motor	Optics Plate
18-025670	Chopper Assy, w/ particle control, SDB	Optics Plate
18-015099	Chopper Assy, Side Beam (see kit 61-025395 if particle reduction is needed)	Optics Plate
11-017028	Cable Assy, Autofocus, Chopper	Optics Plate
14-010586	PCB Assy, Chopper Monitor	Optics Plate
18-020953	Detector Assy, D-array (OSF not included)	Optics Plate
65-157627	Filter, Order Sorting, 4-band	Optics Plate
18-015556	Detector Assy, I-laser	Optics Plate
18-015557	Detector Assy, BPE	Optics Plate
18-015549	Detector Assy, Autofocus	Optics Plate
11-018109	Cable Assy, A/F Detector	Optics Plate
18-025241	Detector Assy, Universal2, A or B Array	Optics Plate
18-025243	Detector Assy, WL-Spectro2, C Array	Optics Plate
18-015869	Detector Assy, OAL/polarizer (AE quad cell detector assembly)	Optics Plate
18-018294	Detector Assy, Incident White Light	Optics Plate
18-018295	Detector Assy, Incident UV	Optics Plate
18-015558	Detector Assy, Tilt	Optics Plate
18-017117	Filter Assy, Moving with Lens	Optics Plate
11-016962	Harness Assy, IR/WL Filter	Optics Plate
11-017023	Cable Assy, Limit Switch, IR/WL Filter	Optics Plate
65-016220	Grating, Flat, UV Spectrometer (Dogbone)	Optics Plate
18-017525	Grating Assy, White Light Spectrometer	Optics Plate
18-019243	Heater Assy, with Thermister	Optics Plate
61-023003	Kit, Retrofit, Fiber Laser, OP5XXX (order this part if replacing 18-014001)	Optics Plate
18-023044	Laser Assy, Fiber, Tested, OP (use kit 61-023003 if replacing obsolete diode laser 18-014001) go to Measurement Stage & Chamber table for driver and cable P/N's	Optics Plate
18-021392	Laser Assy, HeNe with Expander	Optics Plate
18-015208	Heater Assy, Objective, 100X (100X Olympus lens Assy)	Optics Plate
18-019829	Lens Assy, Cylindrical	Optics Plate
18-020501	Lens Assy, Spherical – Illuminator Mirror in SE Path	Optics Plate
18-021225	Lens Exchange Assy, 100X (need cable PN: 11-020913 to work if upgrade)	Optics Plate
11-020913	Cable Assy, Limit Sw, 100X Lens Exchange (works with PN: 18-021225)	Optics Plate
09-016747	Switch, Optical (fits all Lens Exchanges)	Optics Plate
11-017018	Cable Assy, Stepper Motor, 100X	Optics Plate
18-020061	Motor Assy, Lens Exchange, for 100X, 5X, &	Optics Plate

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	15X	
65-002725	Lens, Objective 5X	Optics Plate
18-020051	Lens Exchange Assy, 5X	Optics Plate
11-020141	Cable Assy, Limit Switch, 5X Lens Exchange	Optics Plate
11-018800	Cable Assy, Stepper Motor, 5X	Optics Plate
65-024343	Lens, Objective, 10mm Reflective, P62 (20X lens)	Optics Plate
65-012055	Objective, Reflective, 15X - must identify difference between the 2 lens	Optics Plate
18-020559	Lens Exchange Assy, 15X	Optics Plate
11-020558	Cable Assy, Limit Switch, 15X Lens Exchange	Optics Plate
11-017017	Cable Assy, Stepper Motor, 15X	Optics Plate
18-018152	Mirror Assy, DPG (Dip-n-duck)	Optics Plate
14-022417	PCB Assy, Moving Mirror, SMS	Optics Plate
11-017280	Cable Assy, Limit Switch, Dip-n-duck Mirror	Optics Plate
18-017607	Mirror Assy, Moving (Sliding mirror)	Optics Plate
11-017020	Cable Assy, MM2	Optics Plate
18-016464	Mirror Assy, Twin Parabola (Dogbone does not include rotating aperture)	Optics Plate
18-122387	Mirror Assy, UV Source Parabola (includes mount)	Optics Plate
65-016563	Paraboloid, UV Source, Collimating (UV Source Parabola)	Optics Plate
61-028128	Kit, Upgrade, 193nm,P34 (sub-list below are unique to kit – not complete BOM)	Optics Plate
18-122499	Spool Assy, Beam/Splitter Source	Optics Plate
74-028128-14	Procedure, Upgrade, 193nm,P34	Optics Plate
93-004645	Washer, Nylon, #10	Optics Plate
86-122497	Fixture Assy, Laser Mount (laser pointer for alignment purposes)	Optics Plate
65-015017	Paraboloid, Off-axis, 45 Deg. (Underneath the plate) - Collector Mirror in SE path	Optics Plate
14-015615	PCB Assy, Digitizer	Optics Plate
11-017027	Cable Assy, Digitizer/Tilt, P7	Optics Plate
11-016732	Cable Assy, Digitizer/Quad Cell Detector, P6	Optics Plate
11-016733	Cable Assy, Digitizer/ABCD Detectors, P2	Optics Plate
11-016731	Cable Assy, Digitizer/l-laser Detector, P3	Optics Plate
11-018221	Cable Assy, Digitizer Power UD	Optics Plate
14-015810	PCB Assy, Interface, Optics Plate – Optics Interface #1 & #3	Optics Plate
11-018420	Cable Assy, Optics Interface 1	Optics Plate
11-018422	Cable Assy, Optics Interface 3	Optics Plate
14-018274	PCB Assy, Interface, Optics Plate, Tall – Optics Interface #2	Optics Plate
11-018421	Cable Assy, Optics Interface 2	Optics Plate
18-015542	Pinhole Assy, Adjustment, BPE	Optics Plate
65-015248	Pinhole, PRCN, MTD, 800 Microns	Optics Plate
65-021670	Polarizer, 1.5°, Rochon – SE Polarizer	Optics Plate
65-018951	Polarizer, MGF2 Rochon – SE Analyzer	Optics Plate
18-015460	Shutter Assy, LSR Diode Beam	Optics Plate
18-021032	Shutter Assy, SE Path	Optics Plate
18-016395	Shutter Assy, White light	Optics Plate
65-016389	Shutter, White Light	Optics Plate

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29-017553	Fiber Optic Bundle, Randomized	Optics Plate
11-017021	Cable Assy, White Light Shutter	Optics Plate
66-015533	Solenoid, Rotary, 24V, 45 Degree (used for Laser, SE, UV, and HeNe Shutters)	Optics Plate
18-016634	Stepper-gig Assy	Optics Plate
11-017025	Cable Assy, Limit Switch, UVSE	Optics Plate
11-020846	Cable Assy, Stepper-gig Encoder, Ext	Optics Plate
18-019022	Wave Plate Assy, Quarter	Optics Plate
09-003684	Switch, Momentary Interlock	Optics Plate
18-021419	Whirligig Assy, AE	Optics Plate
11-018108	Cable Assy, Optics Spinner Encoder	Optics Plate
11-018107	Cable Assy, Spinner Motor	Optics Plate
18-020270	UV-Source Assy (UV Can), Air Tight	Optics Plate
18-020285	UV Bulb Assy	Optics Plate
65-016217	Filter, Cutoff 180nm, 75D (Window in the UV Can)	Optics Plate
11-018220	Cable Assy, UV Bulb	Optics Plate
11-021340	Harness Assy, UV Can Interlock	Optics Plate
11-020976	Harness Assy, UV Interlock (Attached to the EMO/Start switch)	Optics Plate
65-009233	Waveplate, 1/4, Zero-order, 676nm, (BPE)	Optics Plate
18-017603	Box Assy, A/F Driver	Measurement Stage & Chamber
11-017071	Cable Assy, A/F Driver	Measurement Stage & Chamber
18-021726	Cable, Mechanical, Docking (part of kit 61-021976) – 2.125" long	Measurement Stage & Chamber
12-018062	Cable, Mechanical, Docking – 2.58" long	Measurement Stage & Chamber
11-018137	Cable Assy, AC Power, Interlock	Measurement Stage & Chamber
11-018446	Cable Assy, Plate, Heater/Thermister	Measurement Stage & Chamber
11-017091	Cable Assy, Autofocus Data External	Measurement Stage & Chamber
18-122630	Converter Assy, NTSC-VGA, w/ Mount	Measurement Stage & Chamber
61-021976	Kit, UPG, Docking Cylinder, Pull – use if frequent time-out errors (3 docking assemblies included)	Measurement Stage & Chamber
18-021971	Docking Assy, Bottom, 20mm Bore, P34	Measurement Stage & Chamber
58-021714	Cylinder, Pneumatic, 20x15mm	Measurement Stage & Chamber
61-021048	Kit, Upgrade, Docking, Bolt + V-Block, P34 – use if replacing ceramic ball (single assembly)	Measurement Stage & Chamber
18-017187	Docking Assy, Bottom, P34 – older style	Measurement Stage & Chamber
58-017772	Cylinder, Pneumatic, 16x15mm	Measurement Stage & Chamber
58-016851	Fitting, Flow Controller, M5-1/8	Measurement Stage & Chamber
58-016852	Fitting, Male, M5-1/8 (Inlet air for Docking Cylinder)	Measurement Stage & Chamber

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89-020451	Bolt, Docking (replaces ceramic ball type, upgrade requires kit PN: 61-021048. <b>Note:</b> It is not required to retrofit all three docking blocks when one fails.)	Measurement Stage & Chamber
44-019298	Block, V, Ceramic (Goes with spear shape docking bolt PN: 89-020451)	Measurement Stage & Chamber
11-017682	Harness Assy, Optical Sensor, Docking	Measurement Stage & Chamber
18-020137	Sensor Assy, Docking	Measurement Stage & Chamber
18-020124	Docking Assy, Bottom, P35 – newer style (below are the parts that differ from P34 Assy) released 7/1998	Measurement Stage & Chamber
58-021714	Cylinder, Pneumatic, 20x15mm	Measurement Stage & Chamber
58-017296	Fitting, Male, 10-32 to 5/32	Measurement Stage & Chamber
58-016883	Valve Throttle, M5-5/32OD	Measurement Stage & Chamber
18-022643	Driver Assy, Fiber Laser (see kit 61-023003, Kit, Retrofit, FBR LSR, OP5XXX)	Measurement Stage & Chamber
11-022680	Cable Assy, Fiber Laser External (see kit 61-023003)	Measurement Stage & Chamber
18-014115	Fine Z & Theta Assy (Note: Chuck top included)	Measurement Stage & Chamber
43-013719	Chuck, Vacuum, Fine-Z Stage	Measurement Stage & Chamber
61-020701	Kit, Isolator Valve, Upgrade	Measurement Stage & Chamber
56-020090	Isolator, Slave, Vibration (Current design)	Measurement Stage & Chamber
56-020088	Isolator, Master, Vibration (Current design)	Measurement Stage & Chamber
18-022625	Valve Assy, Isolator, Sealed	Measurement Stage & Chamber
18-018237	Motor Assy, Theta	Measurement Stage & Chamber
11-017096	Cable Assy, Theta Motor, Limit External	Measurement Stage & Chamber
18-019413	Panel Assy, Pneumatic, Optical (Old PN: 18-018467 for first 10 units)	Measurement Stage & Chamber
58-018434	Valve, Solenoid, 3 Port N.C.	Measurement Stage & Chamber
58-017085	Valve, solenoid, 4 Port, Dire...	Measurement Stage & Chamber
58-016883	Valve, Throttle, M5-5/32OD	Measurement Stage & Chamber
14-013608	PCB Assy, LVDT Volt Mod.	Measurement Stage & Chamber
14-018236	PCB Assy, Breakout, Frame	Measurement Stage & Chamber
11-019826	Cable Assy, FRB Heaters – from P6 to J1 on Heater Driver	Measurement Stage & Chamber
11-019825	Cable Assy, FRB Control Therm – from J4 to	Measurement Stage &

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	Lower Drawer Backplane	Chamber
11-018581	Cable Assy, - from Backplane to P5 on MFB	Measurement Stage & Chamber
11-019873	Cable Assy, Therm/Humidity – from P5 to J1 on MFB	Measurement Stage & Chamber
14-018392	PCB Assy, Bulkhead, Breakout, Stage – Lead Screw Driven Stage only	Measurement Stage & Chamber
14-018535	PCB Assy, Stage Breakout – Lead Screw Driven Stage only	Measurement Stage & Chamber
18-021230	Stage Assy, X/Y/CRS Z	Measurement Stage & Chamber
11-020565	Cable Assy, Theta Motor/Limit External	Measurement Stage & Chamber
11-017092	Cable Assy, X-encoder External	Measurement Stage & Chamber
11-017093	Cable Assy, Y-encoder External	Measurement Stage & Chamber
11-017094	Cable Assy, Y-motor Limit External	Measurement Stage & Chamber
11-019986	Cable Assy, X Limit/Motor	Measurement Stage & Chamber
11-019987	Cable Assy, Y Limit/Motor	Measurement Stage & Chamber
11-017095	Cable Assy, Stage Breakout External	Measurement Stage & Chamber
11-021256	Cable Assy, Coarse Z, Far Limit Switch (Goes with PCB PN: 14-021193)	Measurement Stage & Chamber
11-018187	Cable Assy, Power Z Stage	Measurement Stage & Chamber
11-018188	Cable Assy, Z, Motor/PZT	Measurement Stage & Chamber
11-018189	Cable Assy, Driver Board, Sensor/LED	Measurement Stage & Chamber
54-021338	Coupling, Flex, 4MMX. 1875in	Measurement Stage & Chamber
26-021050	Encoder, Linear, 220mm, 1um	Measurement Stage & Chamber
18-018353	LED Assy, Coarse Z (coupled with lateral cell P/N 14-015264)	Measurement Stage & Chamber
79-017198	Lubricant, Kluber, Topas NB5051	Measurement Stage & Chamber
79-089498	Lubricant, Rails, Stage	Measurement Stage & Chamber
79-031106	Lubricant, Z Wedge, Rails	Measurement Stage & Chamber
18-018354	Motor Assy, Coarse Z Motor	Measurement Stage & Chamber
18-013521	Motor Assy, X & Y, 8x12	Measurement Stage & Chamber
14-015264	PCB Assy, Position Sensor, Z-stage (lateral cell)	Measurement Stage & Chamber
14-021193	PCB Assy, Sensor, Opto Switch, Z-Stage (for far limit)	Measurement Stage & Chamber

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09-016747	Sensor, Photo, L-shaped (X &Y stage travel limit optical sensor)	Measurement Stage & Chamber
18-018355	Switch Assy, Near Limit	Measurement Stage & Chamber
18-018741	Power Supply Assy, HeNe, 24V	Measurement Stage & Chamber
11-017039	Cable Assy, HeNe Power Supply	Measurement Stage & Chamber
18-013761	Reference Assy, Block, Fine Z	Measurement Stage & Chamber
18-021041	V-Block Assy, Ceramic, TP/OP	Measurement Stage & Chamber
11-016985	Cable Assy, AC in	Computer Drawer Assembly
11-019633	Cable Assy, Indexer Power, Lower Drawer	Computer Drawer Assembly
11-021371	Cable Assy, Reset, Front Panel, NT	Computer Drawer Assembly
11-021795	Cable Assy, Video Power, Lower Drawer	Computer Drawer Assembly
18-122670	Drive, Hard Disk, USCSI, 36GB, with Image, DOS	Computer Drawer Assembly
18-122671	Drive, Hard Disk, USCSI, 36GB, with Image, 5341 Intel	Computer Drawer Assembly
18-122672	Drive, Hard Disk, USCSI, 36GB, with Image, Dual Boot	Computer Drawer Assembly
11-021372	Cable Assy, HD Power, DWR1, NT	Computer Drawer Assembly
30-015939	Drive, Tape Backup, SCSI 2.3GB	Computer Drawer Assembly
18-018473	Fan Assy, 24V, Lower Drawer	Computer Drawer Assembly
11-017211	Harness Assy, DC Fan-2	Computer Drawer Assembly
11-016934	Harness Assy, DC Fan-1	Computer Drawer Assembly
24-011405	Fuse, MDA 7 Amps	Computer Drawer Assembly
24-013287	Fuse holder, Panel Mount, HTB,	Computer Drawer Assembly
11-016935	Harness Assy, AC Power, Lower Drawer	Computer Drawer Assembly
29-003329	Lamp, Neon, Green 105-125V	Computer Drawer Assembly
14-119387	PCB Assy, Backplane, ISA/PCI, 16+1+3	Computer Drawer Assembly
14-017482	PCB Assy, Cassette/Printer Opto-isolator	Computer Drawer Assembly
11-018580	Cable Assy, Cassette, Lower Drawer	Computer Drawer Assembly
14-016101	PCB Assy, Cognex 5000, Configured	Computer Drawer Assembly
11-018586	Cable Assy, Video Power, Lower Drawer	Computer Drawer Assembly
14-026958	PCB Assy, CPU, 450Mhz, 128M (DOS Systems)	Computer Drawer Assembly
14-029648	PCB Assy, CFG, 700Mhz, P3, 512M (NT Systems)	Computer Drawer Assembly
11-016986	Cable Assy, SCSI 50P used in 18-015760 drawer – possibly inactive part	Computer Drawer Assembly
11-018579	Cable Assy, LPT1, Lower Drawer used in 18-015760 assy – inactive?	Computer Drawer Assembly
11-022174	Cable Assy, Comm2, Lower Drawer, NT	Computer Drawer Assembly
11-021341	Cable Assy, Floppy/DR, Power, Dwr1	Computer Drawer Assembly
11-108486	Cable Assy, Interconnect, Ethernet, NT, 15ft	Computer Drawer Assembly
11-022175	Cable Assy, LPT1, Lower Drawer, NT	Computer Drawer Assembly
11-021210	Cable Assy, SCSI, DWR1, NT	Computer Drawer Assembly
14-024356	PCB Assy, CFG, ISA, Quad, RS232	Computer Drawer Assembly
14-015571	PCB Assy, Data Acquisition, Tested	Computer Drawer Assembly
14-119394	PCB Assy, Light Pen, Fast Point	Computer Drawer Assembly
14-017532	PCB Assy, Multi Function	Computer Drawer Assembly
11-018581	Cable Assy, Thermal, Lower Drawer	Computer Drawer Assembly
11-018582	Harness Assy, +/-15V, Multi Function Board	Computer Drawer Assembly

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14-010502	PCB Assy, SECS, Configured (For host computer communication only)	Computer Drawer Assembly
11-017079	Cable Assy, SECS	Computer Drawer Assembly
14-014995	PCB Assy, SECS, SMIF, OP, Configured (For Indexer & host communication)	Computer Drawer Assembly
14-023180	PCB Assy, Tech80 Step Cntrl	Computer Drawer Assembly
14-019666	PCB Assy, (Tech80) Step Motion Controller (use 14-023180)	Computer Drawer Assembly
11-016928	Harness Assy, IPA, Tech80	Computer Drawer Assembly
11-017218	Harness Assy, IPB/IPC, UV	Computer Drawer Assembly
11-016931	Harness Assy, I/O, Tech80	Computer Drawer Assembly
14-015684	PCB Assy, Timer/I/O Configuration (Not used in NT configured tools) (TP500?)	Computer Drawer Assembly
14-015493	PCB Assy, Z-Stage Autofocus	Computer Drawer Assembly
18-016312	Power Supply Assy, 5, 12, 15, 24	Computer Drawer Assembly
11-016939	Harness Assy, Power Supply, Lower Drawer, 10P	Computer Drawer Assembly
11-016940	Harness Assy, Power Supply, Lower, 12P	Computer Drawer Assembly
11-016932	Harness Assy, Power Distribution	Computer Drawer Assembly
14-015704	PCB Assy, Filter, Switching Power Supply	Computer Drawer Assembly
24-015922	Fuse, 5.0 Amps, Slo-Blo, 250V, 5X20	Computer Drawer Assembly
24-015923	Fuse, 4.0 Amps, Slo-Blo, 250V, 5X20	Computer Drawer Assembly
24-015924	Fuse, 2.0 Amps, Slo-Blo, 250V, 5X20	Computer Drawer Assembly
24-015925	Fuse, 1.0 Amps, Slo-Blo, 250V, 5X20	Computer Drawer Assembly
24-015927	Fuse holder, PCMT, 5X20	Computer Drawer Assembly
18-018200	Terminal Block Assy, Lower Drawer	Computer Drawer Assembly
11-017014	Cable Assy, Digitizer Power Supply, Upper	Control Drawer Assembly
11-017016	Cable Assy, Ground, Rear Panel, Upper Drawer	Control Drawer Assembly
11-017626	Cable Assy, Valve, Controller, Upper Drawer	Control Drawer Assembly
11-018503	Cable Assy, Interlock, Power, Upper Drawer	Control Drawer Assembly
18-016170	Drive Assy, Motor, IMS	Control Drawer Assembly
24-015937	Fuse, Micro, 0.5 Amp, 125V	Control Drawer Assembly
24-015938	Fuse, Micro, 4 Amp, 125V	Control Drawer Assembly
11-016989	Cable Assy, Motor Driver 1	Control Drawer Assembly
11-016990	Cable Assy, Motor Driver 2	Control Drawer Assembly
18-016169	Drive Assy, Motor, Vexta	Control Drawer Assembly
66-012995	Driver, Stepper Motor, UV (For X & Y Motors)	Control Drawer Assembly
66-015682	Driver, Stepper Motor, 5 Phase (For Theta & Stepper-gig)	Control Drawer Assembly
24-016005	Fuse, 5.0A, Slo-Blo, 125V, 2AG	Control Drawer Assembly
11-018504	Cable Assy, Vexta Driver, Upper Drawer	Control Drawer Assembly
11-018510	Cable Assy, X-Motor/Limit, Upper Drawer	Control Drawer Assembly
11-018511	Cable Assy, Y-Motor/Limit, Upper Drawer	Control Drawer Assembly
18-019752	Fan Assy, Upper Drawer (Contains small blower fan)	Control Drawer Assembly
11-018515	Cable Assy, Fan Power, Upper Drawer	Control Drawer Assembly
28-016285	Fan, 3.62 square x 1 in., 24V DC	Control Drawer Assembly
24-011405	Fuse, MDA, 7 Amps	Control Drawer Assembly
24-013287	Fuse holder, Panel Mount, HTB	Control Drawer Assembly
14-018402	PCB Assy, Interface Controller	Control Drawer Assembly
24-015870	Fuse, Micro, 2 Amps, 125V	Control Drawer Assembly
11-016998	Cable Assy, 5 VDC, Controller Interface	Control Drawer Assembly

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14-017697	PCB Assy, Breakout, Upper	Control Drawer Assembly
14-016853	PCB Assy, West Controller, PMC-S1	Control Drawer Assembly
14-022614	PCB Assy, Servo Amp	Control Drawer Assembly
11-017004	Cable Assy, Spinner, RS232	Control Drawer Assembly
11-016945	Harness Assy, 5V, Spinner	Control Drawer Assembly
11-018509	Cable Assy, Spinner Encoder	Control Drawer Assembly
11-016943	Harness Assy, Spinner Motor Power	Control Drawer Assembly
11-016944	Harness Assy, Spinner Amplifier Limit	Control Drawer Assembly
14-017835	PCB Assy, Heater Power Driver	Control Drawer Assembly
11-018501	Cable Assy, Heater Driver Output, Upper Drawer	Control Drawer Assembly
11-018514	Cable Assy, Heater Controller, Upper	Control Drawer Assembly
11-019167	Cable Assy, Heater Driver, Power	Control Drawer Assembly
14-015812	PCB Assy, Power Driver, Pneumatic	Control Drawer Assembly
11-018518	Cable Assy, Pneumatic Sensor, Upper	Control Drawer Assembly
11-018505	Cable Assy, Valve Controller, Upper	Control Drawer Assembly
14-020990	PCB Assy, Power Driver, Shutter	Control Drawer Assembly
11-016941	Harness Assy, 24V, Power Driver	Control Drawer Assembly
11-016994	Cable Assy, Power Driver 1, Shutter Out	Control Drawer Assembly
14-019771	PCB Assy, Power Driver Light Tower	Control Drawer Assembly
11-020941	Cable Assy, Light Tower, Power Driver, Upper Drawer	Control Drawer Assembly
11-018507	Cable Assy, Light Tower Control, Upper Drawer	Control Drawer Assembly
11-016947	Harness Assy, 24V, Motor Driver	Control Drawer Assembly
11-016949	Harness Assy, Power Supply, Upper Drawer, 10P	Control Drawer Assembly
11-016950	Harness Assy, Power Supply, Upper Drawer, 12P	Control Drawer Assembly
11-016951	Harness Assy, Power Distribution/Supply, Upper Drawer	Control Drawer Assembly
29-003329	Lamp, Neon, Green 105-125V	Control Drawer Assembly
21-015067	Power Supply, Deuterium	Control Drawer Assembly
11-016996	Cable Assy, UV Interlock, Upper Drawer	Control Drawer Assembly
18-122516	Power Supply Assy, White Light, SNS (replaces 18-022855)	Control Drawer Assembly
11-018830	Cable Assy, White Light AC Power (18" in length)	Control Drawer Assembly
11-108315	Cable Assy, White Light Power Supply, OP5XXX	Control Drawer Assembly
18-016160	Power Supply Assy, Upper DC	Control Drawer Assembly
14-015704	PCB Assy, Filter, Switching Power Supply	Control Drawer Assembly
24-015922	Fuse, 5.0A, Slo-Blo, 250V, 5X20	Control Drawer Assembly
24-015923	Fuse, 4.0A, Slo-Blo, 250V, 5X20	Control Drawer Assembly
24-015924	Fuse, 2.0A, Slo-Blo, 250V, 5X20	Control Drawer Assembly
24-015925	Fuse, 1.0A, Slo-Blo, 250V, 5X20	Control Drawer Assembly
24-015927	Fuse holder, PCMT, 5X20	Control Drawer Assembly
21-015686	Power Supply, +5, +/-15 & 8, +24V	Control Drawer Assembly
11-016953	Harness Assy, AC In, Upper Drawer	Control Drawer Assembly
11-017012	Cable Assy, 24 VDC, SNS In	Control Drawer Assembly
11-017013	Cable Assy, 24 V, HeNe Power Supply, Upper Drawer	Control Drawer Assembly
11-017014	Cable Assy, Digitizer Power Supply, Upper Drawer	Control Drawer Assembly

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11-018502	Cable Assy, Power/Monitor, Upper Drawer	Control Drawer Assembly
09-018517	Switch, Rocker, SPST, 8 Amps, 125 VAC	Control Drawer Assembly
18-016910	Terminal Block Assy, Upper Drawer	Control Drawer Assembly
18-015766	Blower Assy, Rear Exhaust	Remaining Frame & Wafer Handling Assembly
45-014824	Robot, Wafer Handler	Remaining Frame & Wafer Handling Assembly
11-009226	Cable Assy, Air Flow Switch (Comes with switch)	Remaining Frame & Wafer Handling Assembly
11-018417	Cable Assy, Blower Power	Remaining Frame & Wafer Handling Assembly
18-019702	Blower Assy, UV Source	Remaining Frame & Wafer Handling Assembly
18-028860	Box Assy, Power, AC/EMO, P34	Remaining Frame & Wafer Handling Assembly
24-021124	Contactora, 3 Pole, 30A	Remaining Frame & Wafer Handling Assembly
28-021125	Fan, Tube axial, 115VAC, 21CFM	Remaining Frame & Wafer Handling Assembly
24-001842	Fuse, MDL, 1 Amp, 250 VAC	Remaining Frame & Wafer Handling Assembly
24-002800	Fuse, MDA, 4 Amp, 250 VAC	Remaining Frame & Wafer Handling Assembly
24-003607	Fuse, MDA, 10 Amps	Remaining Frame & Wafer Handling Assembly
24-003334	Fuse holder, Panel Mount	Remaining Frame & Wafer Handling Assembly
18-021157	Soft Start Assy, AC Box (for inrush current suppression)	Remaining Frame & Wafer Handling Assembly
21-021109	Power Supply, 24VDC	Remaining Frame & Wafer Handling Assembly
10-021111	Relay, Time Delay, 1-10sec, 24V	Remaining Frame & Wafer Handling Assembly
10-013126	Relay, 24VDC, 3PDT	Remaining Frame & Wafer Handling Assembly
33-014306	Resistor, Movistor, 250V, 130 Joule	Remaining Frame & Wafer Handling Assembly
18-016309	Box Assy, Main Disconnect	Remaining Frame & Wafer Handling Assembly
12-014323	Cord, Power, 12AWG, Encoder, Harness, CE	Remaining Frame & Wafer Handling Assembly
24-012939	Circuit Breaker, 20 Amps, DNIEC	Remaining Frame & Wafer Handling Assembly
20-014305	Filter, EMI, 250V, 20A, Suppress	Remaining Frame & Wafer Handling Assembly
11-008075	Cable Assy, LED, Cassette	Remaining Frame & Wafer Handling Assembly
11-018066	Cable Assy, Cassette Platform to Interface	Remaining Frame & Wafer Handling Assembly
11-018906	Cable Assy, DAB Digitizer Data (132")	Remaining Frame & Wafer Handling Assembly
11-021207	Cable Assy, Keyboard, NT (120")	Remaining Frame & Wafer Handling Assembly

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11-021211	Cable Assy, Mouse, Interconnect, NT (120")	Remaining Frame & Wafer Handling Assembly
11-021759	Cable Assy, On/Off Switch, NT, OP52XX (comes with on/off switch)	Remaining Frame & Wafer Handling Assembly
09-015506	Switch, Momentary, On/Off	Remaining Frame & Wafer Handling Assembly
11-021208	Cable Assy, SCSI, NT (120" – Dwr1 to User Interface)	Remaining Frame & Wafer Handling Assembly
11-108367	Cable Assy, VGA Signal, LCD (108")	Remaining Frame & Wafer Handling Assembly
11-018404	Cable Assy, VGA Signal, P34 (92")	Remaining Frame & Wafer Handling Assembly
45-016468	Controller, Equipe, ESC-212	Remaining Frame & Wafer Handling Assembly
30-018313	Display, NTSC, 6.4in Flat Panel LCD	Remaining Frame & Wafer Handling Assembly
29-019063	Bulb, Back Light, Flat Panel	Remaining Frame & Wafer Handling Assembly
18-031638	Drive Assy, CFG, SCSI PC Card	Remaining Frame & Wafer Handling Assembly
30-031491	Drive, SCSI, PC Card, One Slot (part of Assy 18-031638)	Remaining Frame & Wafer Handling Assembly
18-122477	Disk Assy, PCMCIA, 5Gb, Formatted	Remaining Frame & Wafer Handling Assembly
61-031577	Kit, Upgrade, PC Card Drive, PCMCIA (order if replacing the JAZ drive)	Remaining Frame & Wafer Handling Assembly
30-007271	Drive, Flexible, 3.5 in	Remaining Frame & Wafer Handling Assembly
11-021342	Cable Assy, Floppy Drive Power, NT	Remaining Frame & Wafer Handling Assembly
11-022040	Cable Assy, Floppy, User Interface	Remaining Frame & Wafer Handling Assembly
18-022010	Drive Assy, CD ROM, 32X, SCSI, Configured (DOS systems only)	Remaining Frame & Wafer Handling Assembly
30-135731	Drive Assy, CD/DVD ROM	Remaining Frame & Wafer Handling Assembly
11-021209	Cable Assy, SCSI, CD/JAZ, NT	Remaining Frame & Wafer Handling Assembly
11-022039	Cable Assy, SCSI, User Interface	Remaining Frame & Wafer Handling Assembly
21-008878	Driver, Laser Diode, 670nm (For Melles type laser diode, not for TWI laser) Agile shows this for product line(s): MPX,OP26XX	Remaining Frame & Wafer Handling Assembly
11-022286	Cable Assy, Short, Laser Driver, P34	Remaining Frame & Wafer Handling Assembly
18-028082	Filter Assy, UV Air (for OP52XX/53XX)	Remaining Frame & Wafer Handling Assembly
58-023233	Element, Filter	Remaining Frame & Wafer Handling Assembly
11-021757	Harness Assy, Main EMO, NT (For NT systems, interface EMO to AC Power Box Assy)	Remaining Frame & Wafer Handling Assembly
30-015461	Keyboard, 101 Keys, IBM Compatible (Non NT systems)	Remaining Frame & Wafer Handling Assembly

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30-018069	Keyboard, PC/AT&PS2, Mini (Keyboard for NT systems)	Remaining Frame & Wafer Handling Assembly
61-022420	Kit, 15-inch LCD Replacement, P34	Remaining Frame & Wafer Handling Assembly
30-021975	Monitor, LCD, 15" (For NT systems, does not require NTSC to VGA converter)	Remaining Frame & Wafer Handling Assembly
11-022431	Cable Assy, Power, +12V, LCD/JAM	Remaining Frame & Wafer Handling Assembly
44-022278	Plate, Adapter, Mounting, LCD, AGE	Remaining Frame & Wafer Handling Assembly
11-021736	Cable Assy, Video Extension, NT	Remaining Frame & Wafer Handling Assembly
30-021975	Monitor, LCD, 15" (For NT systems, does not require NTSC to VGA converter)	Remaining Frame & Wafer Handling Assembly
11-022412	Cable Assy, Power, 12V, LCD	Remaining Frame & Wafer Handling Assembly
44-022278	Plate, Adapter, Mounting, LCD, AGE	Remaining Frame & Wafer Handling Assembly
30-135728	Mouse, MS Intelli, 2 Button, PS/2	Remaining Frame & Wafer Handling Assembly
56-017234	Paddle, Over Center	Remaining Frame & Wafer Handling Assembly
18-016306	Panel Assy, Pneumatic, Stage/Robot	Remaining Frame & Wafer Handling Assembly
09-019720	Switch, Vacuum Actuated 10.65-inch HG	Remaining Frame & Wafer Handling Assembly
09-019718	Switch, Vacuum Actuated 14.70-inch HG	Remaining Frame & Wafer Handling Assembly
09-013561	Switch, Pneumatic Pressure	Remaining Frame & Wafer Handling Assembly
11-018393	Harness Assy, Sensor, Pneumatic Panel	Remaining Frame & Wafer Handling Assembly
11-018394	Harness Assy, Valve, Pneumatic Panel	Remaining Frame & Wafer Handling Assembly
18-020474	Pneumatic Valve Assy, Isolator	Remaining Frame & Wafer Handling Assembly
58-081947	Regulator, 7.25 to 145 PSI	Remaining Frame & Wafer Handling Assembly
18-030830	Solenoid Assy, Valve, Chuck Outer	Remaining Frame & Wafer Handling Assembly
18-030831	Solenoid Assy, Valve, Chuck Inner	Remaining Frame & Wafer Handling Assembly
58-017776	Valve, Solenoid, 5-Port, 24VDC	Remaining Frame & Wafer Handling Assembly
58-017812	Valve, Check, Union, 3/8 OD	Remaining Frame & Wafer Handling Assembly
30-015756	Pen, Light, DT661, 3 ft.	Remaining Frame & Wafer Handling Assembly
14-017643	PCB Assy, Cassette Interface, A	Remaining Frame & Wafer Handling Assembly
14-017641	PCB Assy, Cassette Interface, B	Remaining Frame & Wafer Handling Assembly
14-009962	PCB Assy, Cassette Sensor	Remaining Frame & Wafer

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		Handling Assembly
11-008075	Cable Assy, LED, Cassette	Remaining Frame & Wafer Handling Assembly
11-020042	Cable Assy, Cassette Sensor, SWF	Remaining Frame & Wafer Handling Assembly
11-020043	Cable Assy, Cassette Sensor, SWB	Remaining Frame & Wafer Handling Assembly
11-020044	Cable Assy, Cassette Sensor, SWD	Remaining Frame & Wafer Handling Assembly
18-009941	Power Supply Assy, Laser Diode (For Melles Griot type laser, not for TWI laser) Agile shows this for product line(s): MPX,OP26XX,OP7X41	Remaining Frame & Wafer Handling Assembly
18-122835	Power Supply Assy, LCD, +12VDC	Remaining Frame & Wafer Handling Assembly
45-016469	Pre-Aligner, Equipe, Pre-201	Remaining Frame & Wafer Handling Assembly
45-022712	200mm Pre-Aligner, Pre-201B-SP (For Desorber tools)	Remaining Frame & Wafer Handling Assembly
45-014824	Robot, ATM-105-1-CE	Remaining Frame & Wafer Handling Assembly
30-023010	Trackball, D Connector, White, Ring	Remaining Frame & Wafer Handling Assembly
18-017683	Sensor Assy, Humidity	Remaining Frame & Wafer Handling Assembly
09-021377	Switch, EMO, Turn to Release (For non NT systems)	Remaining Frame & Wafer Handling Assembly
09-021375	Block Contact, W/Mount Base, EMO	Remaining Frame & Wafer Handling Assembly
18-018296	Switch/Lamp Assy, User Interface	Remaining Frame & Wafer Handling Assembly
18-122515	Source Assy, White Light, SNS	Remaining Frame & Wafer Handling Assembly
18-016057	Lamp Assy, White Light Source	Remaining Frame & Wafer Handling Assembly
45-019794	Controller, Track, Fluoroware	Options & Accessories
28-015123	Fan/Filter Unit & Micro Environment, 220V	Options & Accessories
28-013896	Fan/Filter Unit & Micro Environment, 110V	Options & Accessories
45-019796	Indexer, W/BRKT & LSR, Integrated Antenna (Special order)	Options & Accessories
11-019642	Cable Assy, F-Trac, Power	Options & Accessories
11-019643	Cable Assy, F-Trac Power, Lower Drawer	Options & Accessories
11-019764	Cable Assy, F-Trac Com	Options & Accessories
45-014862	Indexer, W/BRKT & LSR SAF Enclosed (Standard system)	Options & Accessories
35-021199	Ionizer, 5285EU-22, (meets class 1 clean room requirements)	Options & Accessories
09-011188	Controller, Ionizer, 5024-CE	Options & Accessories
35-021739	Ionizer, Quadbar, 4630EU	Options & Accessories
11-021775	Cable Assy, Power, Ionizer, Quadbar	Options & Accessories
11-021777	Cable Assy, Ionizer, Quadbar, 12 ft.	Options & Accessories
17-021776	Transformer, 24V AC, 1A Quadbar	Options & Accessories
18-122776	Light Tower Assy, 4, RYGB, DB9-M	Options & Accessories
11-019641	Cable Assy, Light Tower	Options & Accessories

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29-021437	OBS, Lamp, Module, Green, LED, 24V DC	Options & Accessories
29-021438	OBS, Lamp, Module, Red, LED, 24V DC	Options & Accessories
29-021439	OBS, Lamp, Module, Blue, LED, 24V DC	Options & Accessories
29-021440	OBS, Lamp, Module, Clear, LED, 24V DC	Options & Accessories
29-021441	OBS, Lamp, Module, Amber, LED, 24V DC	Options & Accessories
45-021914	Loader Cassette, Manual, 200mm (Manual flippers – Ergo Loaders)	Options & Accessories
14-022745	PCB Assy, ISA Dual RS232, Com3&4	Options & Accessories
14-022746	PCB Assy, ISA Dual RS232, Com1&2	Options & Accessories
61-153898	Kit, Printer, HP1200D (includes driver software)	Options & Accessories
30-135747	Printer, Inkjet HP1200D	Options & Accessories
12-008170	Cable, PC Printer, 12-foot	Options & Accessories
30-014660	Printer, Deskjet, Standard (use kit 61-153898)	Options & Accessories
30-014662	Cartridge, Printer, HP870/1600, Black	Options & Accessories
30-014663	Cartridge, Printer, HP870, Color	Options & Accessories
30-021337	Cartridge, Printer, HP890, Color	Options & Accessories
80-009136	Paper, Cleanroom, 8.5 x 11	Options & Accessories
12-008170	Cable, PC Printer, 12 ft.	Options & Accessories
		Options & Accessories
18-022133	Blower Assy, Desorber	Desorber
11-023616	Cable Assy, Thermocouple, Desorber (Ones with a rod)	Desorber
11-023617	Cable Assy, Thermocouple, Self Adhesive, Desorber (ones that are taped to the Heat Exchanger plate, Cooling Chuck, and Heat Sink)	Desorber
11-028261	Cable Assy, Temp Control, TC1 (Thermocouple with probe)	Desorber
60-021952	Chamber, Desorber (Quartz piece with entry and exit hole for air flow)	Desorber
18-022253	Circuit Breaker Assy	Desorber
04-022463	Diode, Surge Suppressor, CA7 Contactor	Desorber
82-021942	Fixture, Desorber (Quartz piece with three prongs to support wafer, sits on top of the Chamber)	Desorber
18-022537	Heater Assy, Desorber (Contains upper heat exchanger/heating element/Quartz plate)	Desorber
61-023621	Kit, Thermocouple, Desorber (For possible water leaks at the inlet or outlet water junction. Contains the swage lock adaptor nut.)	Desorber
61-022136	Thermocouple for the heater, ceramic	Desorber
18-023624	Lower Heat Exchanger Assembly, Desorber	Desorber
34-022467	Pad, Heatsink, Relay, Desorber (sits between the Relay and the big heatsink)	Desorber
21-022006	PLC, Power Supply, PLC W24V Output (sits next to the CPU of the PLC, supplier PN: C200HW-PA-204S)	Desorber
81-022013	PLC, EEPROM, 4K Words Memory Cassette (Supplier PN: C200HW-ME04K)	Desorber
09-022015	PLC, Sensor, Temperature MDL, Desorber (in slot 5, supplier PN: C200H-TS001)	Desorber
09-022017	PLC, Temperature Control MDL, PLC (in slot 6, supplier PN: C200H-TC001)	Desorber
60-022121	PLC, Cover, PLC, Slot (in slot 3, supplier PN: C200H-SP001)	Desorber

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10-022016	PLC, Relay, Output MDL PLC (in slot 2, supplier PN: C200H-0C222)	Desorber
35-022019	PLC, DC Input MDL, 16Pts, 24V (in slot 1, supplier PN: C200H-ID212)	Desorber
30-022005	PLC, CPU, PLC C-Series (Supplier PN: C200HE-CPU42-E)	Desorber
30-022018	PLC, I/O MDL, PLC, Analog Input (in slot 7, supplier PN: C200H-AD001)	Desorber
21-014621	Power Supply, 24VDC, 2.1A (Power supply to the PLC and the EMO)	Desorber
10-022094	Relay, Contactor, 5.5KW	Desorber
10-022004	Relay, Solid State, 40A, Phototrc	Desorber
10-022461	Relay, DPDT, 5Amp, 24V (sits on the terminal block)	Desorber
17-022109	Transformer, CTO, 25A/4-20mA	Desorber
18-023069	Utility Assy, Desorber (the pneumatics control)	Desorber
85-022688 85-022466 68-022688	Global Optimizer (GO) Software  	General

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