

PHI 5000 VersaProbe II

Consumable Parts List

Part Number	Description	Quantity
VACUUM SYSTEM		
PUMPS		
2141400	Sublimator Filaments	1
630660	Di Ion Pump Elements 240 l/s pump	6
727970	Triode Ion Pump Elements 240 l/s pump	6
726371	Di Ion Pump Elements-480 l/s pump	8
727968	Triode Ion Pump Elements-480 l/s pump	8
727971	Negative Polarity Board for MPC for triode pump elements	1
628239	Rough Pump Oil-Type P3-5 Liter (Pfeiffer Pump)	1 bottle
707256	Rough Pump Oil-(Ulvac Pump)-4 liter	1 bottle
623104	Rough Pump-Oil Mist Filter-Copper Sieve, 4"	1
897-00001	Turbo Pump Wick for TMU 071	1
715518	HiPace 80 Turbo Oil Wick *(1 per pump installed)	*
244-00009	Filter, Oil Mist Eliminator	1/oil pump
622561	Filter-Exhaust, Vac Pump, KF-16	1/oil pump
2382000	Molecular Seive Charge (Pfeiffer Pump Stations)	1
GAUGES		
627521	Convectron Gauge Tube, Granville Phillips-GP275185	1
705319	Varian Ion Gauge, Nude	1
725351	Filament Replacement-Thoriated-Iridium (Varian)	1
6057676	Dual Thoria Coated Iridium Nude Ion Gauge Filament Replacement	1
GASES		
627206	Argon Lecture Bottle-1400 PSIG	1

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608892	O2 Gas Bottle-50cc, 275 psi	1
	SEALS (Gaskets/O-Rings)	
651561	Seal Kit-V1 Gate Valve (For 4.6" port-Valve Part # 650473)	1
2680750	Gasket-Cu 1.33 OD Flange-Pkg 10	1
715074	V1 Seal Kit-VAT Gate (For 6" Port, valve PN 706550)	
2681500	Gasket-Cu 2.75 OD Flange-Pkg 10	1
2682000	Gasket-Cu 3.38 OD Flange-Pkg 10	1
2682500	4.5 Inch OD Flange-Pkg 10	1
619165	Gasket-Cu 4.62 OD Flange-Pkg 10	1
2684000	Gasket-Cu 6.00 OD Flange-Pkg 10	1
618925	Gasket-Cu, 6.75 Flange, 5.0 ID Clean	10
2686000	Gasket-Cu 8.00 OD Flange-Pkg 10	1
608141	Seal Helicoflex	3
624725	O-Ring, Viton, Gas Inlet, 0.346 ID	1
618134	Gasket, CU-4-VCR	10
626235	Gas Line Gasket Seal, CU-2-VCR	10
703226	Gasket-CU 362mm OD Flange	5
COMPONENT PARTS		
	ANALYZER	
627150	Multi-Channel Detector-Channel Plates (VP II S/N 18 & Up)	1Set
629749	Multi-Channel Detector Anode-16 Channel (VP II S/N 18 & Up)	1
619091	Multi-Channel Detector-Channel Plates (VP II S/N 17 to VP I)	1 Set
619102	Multi-Channel Detectors Anode-16 Channel (VP II S/N 17 to all VP I)	1
	ION GUNS	
702056	FIG 05 Ionizer	1

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627206	Argon Lecture Bottle-1400 PSIG	1
	X-RAY MONOCHROMATOR	
805331	Anode Replacement Kit (includes 715011 anode assembly)	1
629900	Foil-Aluminum , X-Ray Window-Spare	1
620913	Heat Exchanger Filter Cartridge-For 16-050B & Lytron without Flow Bypass	1
620914	Heat Exchanger DI Cartridge-For 16-050B	1
649374	LaB6 Filament For X-Ray E-Gun	1
724649	Filter Cartidge 1.0µm for Lytron Flow Bypass	1
718083	Filter Cartidge for SMC Chiller	1
620914	DI Cartridge for SMC Chiller	1
	BaO2 NEUTRALIZER	
706491R	Neutralizer Filament Assembly-BaO2 (Rebuilt)	1
MISCELLANEOUS		
	FUSES	
609040	Fuse, Pico, 1A, 125V, Radial	5
171300	Fuse-3AG, 0.50A, 250 V, Slo-Blo	5
171302	Fuse-3AG, 1.0A, 250 V, Slo-Blo	5
171303	Fuse-3AG, 1.50A, 250 V, Slo-Blo	5
601265	Fuse-3AG, 5.0A, 250 V, Slo-Blo	5
628240	Fuse-3AG, 20A, 250 V, Very Fast-Blo	5
628527	Fuse, AB, 10A, 250 V	5
628528	Fuse, AB, 15A, 250 V	5
10003791	Fuse, AB, 0.25A, 250 V	5
624036	Fuse-2AG, 0.375A, Slo-Blo, Pigtail	5
628527	Fuse, AB, 10A, 250V	5
628528	Fuse, AB, 15A, 250V	5

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	LAMPS/FOIL/BULBS	
700256	Aluminum Foil-18" Wide x 250 Foot Roll	1
710744	Lamp-Halogen, JCR 12V-100W (Schott Light Source)	1
	SAMPLE PLATES	
713036	Model 191HC-Recessed Specimen Holder	1
716012	Model 193G-Faraday Cup-Auger-Used on ambient stage	1
707475	Model 193H-Faraday Cup-Assy Faraday Cup for Hot/Cold Stage	1
720901	Model 279HCA-Sample Holder For Angle Dependent studies	1
713034	Model 190HC-Sample Holder Flat	1
721311	Model 260HC-Sample Holder-Flat- 6.0 cm	1
713035	Model 190HCX-Hot/Cold Platen-500 (500 degrees maximum)	Optional
757381	Assy Faraday Cup, 250, H/C-Stage	Optional
	COMPUTER/PRINTER	
	ALL PC AND PRINTER MEDIA ARE CONSUMABLE	
OPTIONS		
	DUAL ANODE X-RAYSOURCE	
604029	Al/Al for 04-548	1
604030	Al/Mg for 04-548	1
608308	Zr/Mg for 04-548	1
622275	X-Ray Source Filament	1
602508	Frame Gridded Window	1
607910	Fr Al/Be Gridded Window	1
	AUGER OPTION	
709120	LaB6 Filament-Auger Option	1

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602914	Channeltron SED Multiplier-Augur Option	1
710818	Secondary Electron Detector-Scintillator Tube	1
	C60 ION GUN	
706215	C60 Powder Cartridge 250 mg	1
706214	C60 Powder Cartridge 500 mg	1
ION D1730AR	Rebuilt C60 Cartridge, 10 kV	1
ION D1743AR	Rebuilt C60 Cartridge, 20 kV	
	GAS CLUSTER ION BEAM (GCIB)	
715519	HiPace 300 Turbo Pump Oil Wick	1
715518	HiPace 80 Turbo Pump Oil Wick	2
628239	Rough Pump Oil (Pfeiffer Pump)	1
723928	Assembly Ionizer Core GCIB	1
715212	Ionizer Filament	1
715475	Skim, GCIB	1
725677	Filament Assembly installation Kit	1
	MAIN CHAMBER TURBO PUMP OPTION	
715521	HiPace 700 Turbo Pump Oil Wick (MC Turbo Option)	1
	UPS SOURCE OPTION	
OMI-D181901-S	Omicron UV lamp rebuild kit	1
713065	Prevac UV Source Light Cappillary	1
713867	Prevac UV Source Anode	1
707146	He Gas Bottle	1

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