

PHI X-tool-Automated Scanning XPS Microprobe

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Consumable Parts List

Part Number	Description	Quantity
VACUUM SYSTEM		
	PUMPS	
2141400	Sublimator Filaments	1
897-00002	Oil RSVR	1
628239	Rough Pump Oil-Type P3-5 Liter	1 bottle
710201	Rough Pump Oil-(Ulvac Pump)-4 Liter	1
648914	Rough Pump-Oil Mist Filter-Copper Sieve, 4"	1
725038	Tip seal kit for Edwards scroll pump model nXDS 15i	1
	GAUGES	
705313	Convectron (TC Gauge) Tube, Varian	1
719664	Varian Ion Gauge-MBA-200	1
705319	Ion Gauge Tube, CF70	1
725351	Filament Replacement-Thoriated-Iridium (Varian)	1
805326	Optional Tungsten Filament Replacement for (Varian)	1
	GASES	
627206	Argon Lecture Bottle-1400 PSIG	1

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	SEALS (Gaskets/O-Rings)	
725038	Tip seal kit for Edwards scroll pump model nXDS 15i	1
2680750	Gasket-Cu 1.33 OD Flange-Clean (Pkg of 10)	10
2681500	Gasket-Cu 2.75 OD Flange- Clean (Pkg of 10)	10
2682000	Gasket-Cu 3.38 OD Flange- Clean (Pkg of 10)	10
619165	Gasket-Cu 4.62 OD Flange- Clean (Pkg of 10)	10
2686000	Gasket-Cu 8.00 OD Flange- Clean (Pkg of 10)	10
724730	Gasket RET Assembly-SS4VCR2GR	10
626235	Gasket-2VCR, CU-2—VCR-2	1
10051621	Gasket-Alt, 06-65x, 4.50 Flange, 2.86 ID	1
630274	O-Ring-394, 24.94 ID, VITON, CLEAN	1
630273	O-Ring-393, 23.94 ID, VITON, CLEAN	1
630271	O-Ring-356, 5.350 ID, VITON, CLEAN	1
630270	O-Ring-349, 4.475 ID, VITON, CLEAN	1
624725	O-Ring-012, 0.364 ID, .062W, VITON, CLEAN	1
719690	O-Ring, AS568-389, VITON, CLEAN	1
719691	O-Ring, AS568-390, VITON, CLEAN	1
719689	O-Ring, AS568-340, BLACK, VITON, CLEAN	1

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COMPONENT PARTS		
	MONOCHROMATOR X-RAY SOURCE	
649374	X-Ray-LaB6 filament assembly for E-Gun	1
627150	Channel Plate, 50mm OD	1
805331	Anode Replacement Kit (Includes 715011 anode assembly)	1
629891	Foil, Monochromator Window-Aluminum, .0008mm thick	1
724649	Filter Cartridge 1.0µm for 16-050 A & B and Lytron with Rotary Pump update as well as Lytron with Flow Bypass	1
	NEUTRALIZER	
805428	Assembly-Neutralizer	1
	ION GUN	
702056	06-350 Ionizer	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
628527	Fuse, AB, 10A, 250 V	5
628528	Fuse, AB, 15A, 250 V	5
1003791	Fuse, AB, 0.25A, 250 V	5

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	Sample Plates	
639107	Assembly-Model 750 Sample Carrier	1
630152	Mask-1mm Aperture	1
630153	Mask-Flared, 1mm Aperture	1
630154	Mask-2mm Aperture	1
630155	Mask-Finger, 3mm Aperture	1
C72040	Spring-Flat Formed Tip, 0.53L, BeCu	1
574803	Washer-Flat, M2, 2.2 ID, 5.0 OD, SST	1
573601	Screw-Pan, M2.0 x 4, PHIL, SS	1
573604	Screw-Pan, M2.0 x 8, PHIL, SS	1
573606	Screw-Pan, M2.0 x 12, PHIL, SS	1
573607	Screw-Pan, M2.0 x 16, PHIL, SS	1
640588	Aperture-Round, 9.5mm x 0.8mm, SST	1
	FOIL	
C79013	Aluminum Foil-18" Wide x 250 Foot Roll	1
	COMPUTER/PRINTER	
	ALL PC AND PRINTER MEDIA ARE CONSUMABLE	

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