

# PHI Quantes Consumable Parts

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Part Number	Description	Quantity
<b>BASE SYSTEM</b>		
<b>PUMPS</b>		
622561	Filter Exhaust, Vacuum Pump, KF-16.	1
623104	Trap filter – Copper Sieve, 4in.	1
628214	ASSY-COOLING FINGER,OPTICS BLOC	1
628239	Rough Pump Oil-Type P3-5 Liter (Pfeiffer Pump)	1 Bottle
648914	Oil Mist Filter, Rough Pump-For Alcatel Pump-Model OME 25S	1
715519	Turbo Pump Wick for Hi Pace 300	1
715521	Turbo Pump Wick for Hi Pace 400-700	1
730018	Sublimator Filaments SB 730018	1
<b>GAUGES</b>		
705313	TC Gauge Tube-1/4 VCR Varian 5 (Agilent gauge controller)	1
705319	GAUGE-TUBE ION, CF70, VARIAN UHV-24	1
729442	GAUGE-TUBE ION, CF70, VARIAN, MBA2-200	1
<b>ANALYZER</b>		
717032	Channel Plates Replacement	1Set
722133	Multi-Channel Detector-32 Channel Anode Ground-plane	1
<b>ION GUNS</b>		
627206	Argon Lecture Bottle-1400 PSI	1
702056	Ion gun Ionizer assembly for 730737 Ion Gun	1

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MONOCHROMATED X-RAY SOURCE		
625783	ASSY-XTAL/SUBSTRATE, ELLIPSOID	1
629900	Foil-Alum, X-Ray, Spare	1
709366R	Assy-Window, Alum, X-Ray, H-XPS (Rebuilt)	1
723880	ASSY, X-TAL, ELLIPSOID GE(422)/SF	1
729614	LaB6 filament for X-Ray source E-Gun	1
807925	KIT-ANODE, SERVICE, QUANTES	1
NEUTRALIZER		
730731	Neutralizer Assembly-TaO	1
SAMPLE PREP/PLATENS		
573601	Screw, Pan Head, M2.0 x 4, Phillips, SST	1
573604	Screw, Pan Head, M2.0 x 8, Phillips, SST	1
573606	Screw, Pan Head, M2.0 x 12, Phillips, SST	1
573607	Screw, Pan Head, M2.0 x 16, Phillips, SST	1
574803	Flat Washer, M2, 2.2 ID, 5.0 OD	1
629988	Model 760 Platen, Faraday Cup	1
630152	Mask, 1mm Aperture	1
630153	Mask, Flared, 1mm Aperture	1
630154	Mask, 2mm Aperture	1
630155	Mask, Fingered, 3mm Aperture	1
630171	Sample Mounting Hardware Kit	1
635890	Model 755 Platen, Angular Resolve (635230)	1
636775	Heating/Cooling Platen, 10 x 30 mm area	1
639107	Model 750 Platen, Standard (628484)	1
640588	800mm Faraday Cup	1
641425	Model 760A Platen, Faraday Cup	1
641428	Model 751A Platen	1
641431	Model 755A Platen, Angular Resolve	1
643822	Model 750A Platen (641427)	1
C72040	BeCu Spring Clip	1



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MISCELLANEOUS		
MISC PARTS		
627207	Oxygen Lecture Bottle-1400 PSI	1
700526	Aluminum Foil-18" Wide x 250 Foot Roll	1
718083	Filter Cartridge for SMC Chiller	1
724649	Water Filter Cartridge	1
732781	MECHANICAL SEAL FOR RKS402J-MV,ORION	1
732782	CASCADE PUMP FOR RKS402J-MV,ORION	1
732783	FAN MOTOR FOR RKS402J-MV,ORION	1
732784	INVERTER FOR RKS402J-MV,ORION	1
GASKETS / O-RINGS		
618134	Gasket, CU-4-VCR	10
619165	Gasket-Cu 4.62 OD Flange-Pkg 10	1
624725	O-Ring, Viton, Gas Inlet, 0.346 ID	1
626235	Gas Line Gasket Seal, CU-2-VCR	10
630269	O-Ring, 2.850 ID Viton, Clean	1
630270	O-Ring, 4.475 ID Viton-Intro Faceplate	1
630271	O-Ring, 5.350 ID Viton-Intro Window	1
630272	O-Ring, 7.975 ID Viton-Intro Door	1
630273	O-Ring, 23.94 ID Viton-Lid, Inner	1
630274	O-Ring, 24.94 ID Viton-Lid, Outer	1
709295	O-Ring, AS568-260, Viton, Clean	1
709296	O-Ring, AS568-264, Viton, Clean	1
709297	O-Ring, G670, Viton, Clean	1
709298	O-Ring, G700, Viton, Clean	1
724730	Gasket, Stainless Steel (Swagelok) SS-4-VCR-2-GR	10
2680750	Gasket-Cu 1.33 OD Flange-Pkg 10	1
2681500	Gasket-Cu 2.75 OD Flange-Pkg 10	1
2682000	Gasket-Cu 3.375 OD Flange-Pkg 10	1

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2686000	Gasket-Cu 8.00 OD Flange-Pkg 10	1
D76219	Gasket-Cu 10.00 OD Flange	1

	FUSES	
171300	Fuse-3AG, 0.50A, 250V Slo-Blo	1
171302	Fuse-3AG, 1A, 250V Slo-Blo	1
171303	Fuse-3AG, 1.50A, 250V Slo-Blo	1
601265	Fuse-3AG, 5A, 250V Slo-Blo	1
609040	Fuse, Pico, 1A, 125V, Radial	1
624036	Fuse-2AG, 0.375A, Slo-Blo, Pigtail	1
628240	Fuse-3AG, 20A, 250V Very Fast-Blo	1
628527	Fuse-3AG, 10A, 250V	1
628528	Fuse-3AG, 15A, 250V	1
1003791	Fuse-3AG, 0.25A, 250V	1

# PHI Quantes Consumable Parts

	OPTIONS	
	<b>DRY PUMP OPTION</b>	
709719	Silencer-KF-25, Scroll nXDS, Edwards.	1/PUMP
725038	Tip Seal Kit for Edwards Scroll Pump-Model nXDS15i.	1/PUMP
728242	Trap – Fore Line, OFI200, U-KIKO	1/PUMP

	GCIB OPTION	
244-00009	Filter Oil Mist, KF25, Alcatel.	1
622561	Filter Exhaust, Vacuum Pump, KF-16.	1
623104	Trap filter – Copper Sieve, 4in.	1
715518	Turbo Pump Wick for Hi Pace 80	1
715519	Turbo Pump Wick for Hi Pace 300	1
732097	ASSY-FILAMENT&GRID, IONIZER for Ar+ (dual source)	1
733807	ASSY-FILAMENT&GRID, IONIZER for GCIB (dual source)	1