

PHI Quantera II

Consumable Parts List

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| Part Number | Description | Quantity |
|--------------------------------|--|----------|
| VACUUM SYSTEM | | |
| PUMPS | | |
| 628239 | Rough Pump Oil-Type P3-5 Liter (Pfeiffer Pump) | 1 Bottle |
| 715518 | Turbo Pump Wick for Hi Pace 80 | 1 |
| 715519 | Turbo Pump Wick for Hi Pace 300 | 1 |
| 630660 | Di Ion Pump Elements | 12 |
| 727970(PHI) 320531(Gamma) | Triode Ion Pump Elements 240 l/s pump Note: MPC Negative polarity board (P/N 727917) required for changing from Di elements to Triode and requiring 4ea retaining brackets (P/N 805422) | 12 |
| 727971 | Negative Polarity Board for MPC for triode pump elements | 1 |
| 554000 | TL011 Oil for Turbo Wick | 1 |
| 648914 | Oil Mist Filter, Rough Pump-For Alcatel Pump-Model OME 25S | 1 |
| 2141400 | Sublimator Filaments | 3 |
| 725038 | Tip Seal Kit for Edwards Scroll Pump-Model nXDS15i | 1 |
| GAUGES | | |
| 705319 | Ion Gauge, Nude-Chamber (Agilent gauge controller) | 1 |
| 705317 | Ion Gauge, Glass-Intro (Agilent gauge controller) | 1 |
| 705313 | TC Gauge Tube-1/4 VCR Varian 5 (Agilent gauge controller) | 1 |
| 725351 | Filament Replacement-Thoriated-Iridium (Agilent gauge controller) | 1 |
| 805326 | Optional Tungsten Filament Replacement (Agilent gauge controller) | 1 |
| GASES | | |
| 627207 | Oxygen Lecture Bottle-1400 PSI | 1 |
| 627206 | Argon Lecture Bottle-1400 psig | 1 |
| SEALS (Gaskets/O-Rings) | | |
| 725038 | Tip Seal Kit for Edwards Scroll Pump-Model nXDS15i | 1 |

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| | | |
|---------|--|----|
| 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 |
| 619165 | Gasket-Cu 4.62 OD Flange-Pkg 10 | 1 |
| 2686000 | Gasket-Cu 8.00 OD Flange-Pkg 10 | 1 |
| 618134 | Gasket, CU-4-VCR | 10 |
| 626235 | Gas Line Gasket Seal, CU-2-VCR | 10 |
| 630274 | O-Ring, 24.94 ID Viton-Lid, Outer | 1 |
| 630273 | O-Ring, 23.94 ID Viton-Lid, Inner | 1 |
| 630272 | O-Ring, 7.975 ID Viton-Intro Door | 1 |
| 630271 | O-Ring, 5.350 ID Viton-Intro Window | 1 |
| 630270 | O-Ring, 4.475 ID Viton-Intro Faceplate | 1 |
| 624725 | O-Ring, Viton, Gas Inlet, 0.346 ID | 1 |
| 724730 | Gasket, Stainless Steel (Swagelok) SS-4-VCR-2-GR | 10 |
| | | |

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| COMPONENT PARTS | | |
|-----------------|---|------|
| | ANALYZER | |
| 627150 | Channel plates Replacement | 1Set |
| 644514 | Multi-Channel Detector-32 Channel Anode | 1 |
| | | |
| | NEUTRALIZER | |
| 636233R | Neutralizer Assembly-BaO2 (Rebuilt) | 1 |
| 805397 | Neutralizer Assembly-Tantalum | 1 |
| | | |
| | ION GUNS | |
| | | 1 |
| 702056 | Ion gun Ionizer assembly | 1 |
| | | |
| | X-RAY SOURCE (MONOCHROMATOR) | |
| 729614 | LaB6 filament for X-Ray source E-Gun | 1 |
| 805331 | X-Ray Anode Replacement Kit (includes 715011 anode assembly) | 1 |
| | | 1 |
| 620913 | Water Chiller Filter Cartridge-0.45 UP for Lytron without flow bypass or rotary pump | 1 |
| 626739 | Water Chiller mixed bed filter-Quantera Hybrid-in vacuum console | 1 |
| 718083 | Filter Cartridge for SMC Chiller (QII external chiller) | 1 |
| 724649 | Water Filter Cartridge-1.0 µm for Lytron with flow bypass or Rotary | 1 |
| | | |

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MISCELLANEOUS

FUSES

| | | |
|---------|------------------------------------|---|
| 609040 | Fuse, Pico, 1A, 125V, Radial | 1 |
| 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 |
| 628240 | Fuse-3AG, 20A, 250V Very Fast-Blo | 1 |
| 628527 | Fuse-3AG, 10A, 250V | 1 |
| 628528 | Fuse-3AG, 15A, 250V | 1 |
| 624036 | Fuse-2AG, 0.375A, Slo-Blo, Pigtail | 1 |
| 1003791 | Fuse-3AG, 0.25A, 250V | 1 |

LAMPS/FOIL/BULBS

| | | |
|--------|--|---|
| 700526 | Aluminum Foil-18" Wide x 250 Foot Roll | 1 |
|--------|--|---|

SAMPLE PREP/PLATENS

| | | |
|--------|--|---|
| 639107 | Model 750 Platen, Standard (628484) | 1 |
| 635890 | Model 755 Platen, Angular Resolve (635230) | 1 |
| 629988 | Model 760 Platen, Faraday Cup | 1 |
| 636775 | Heating/Cooling Platen, 10 x 30 mm area | 1 |
| 643822 | Model 750A Platen (641427) | 1 |
| 641428 | Model 751A Platen | 1 |
| 641431 | Model 755A Platen, Angular Resolve | 1 |
| 641425 | Model 760A 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 |

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| | | |
|--------|---|---|
| C72040 | BeCu Spring Clip | 1 |
| 574803 | Flat Washer, M2, 2.2 ID, 5.0 OD | 1 |
| 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 |
| 630171 | Sample Mounting Hardware Kit | 1 |
| 640588 | 800mm Faraday Cup | 1 |
| | | |
| | COMPUTER/PRINTER | |
| | ALL PC AND PRINTER MEDIA ARE CONSUMABLE | |
| | | |

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