

MS 50GT Wet Spare Parts

The following spare parts listing is for the MS50GT Wet with oil-sealed vacuum pumps:

| Part Number | Description |
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| 0137-010-00 | Mass Spectrometer |
| 0137-014-00 | Source Assembly |
| 0126-186-00 | Source Rebuild Kit |
| 0136-051-00 | Collector Assembly |
| 012028400 | Repeller Grid Assembly |
| 0103-141-01 | Filament Kit box of 5, sub 010314103 |
| 013015103 | Magnets, requires 2x per spectrometer tube |
| 013723200 | Heat Sink |
| PUMPS | |
| 0139-426-00 | Rough Pump Assembly 221SDX: 115V/208-230-50/60 |
| 1660-214-00 | Rough Pump 221SDX |
| 0139-416-00 | FOREPUMP Assembly 210SDX: 115V/208-230-50/60 |
| 312-191-1045 | FOREPUMP 210SDX old # 166021900 |
| 1990-900-01 | OIL - 1 LITER VMP -19 |
| 0131-709-00 | Exhaust Filter Cartridge alt 919-113 |
| 166010400 | Filter assembly, alt 918-116 |
| 353-691-1029 | Turbo Split Flow |
| Mechanical Assembly & Valves | |
| 1890-288-00 | CALIBRATOR VALVE sub 189028920 |
| 0137-120-02 | DIRECT VALVE and VENT VALVE |
| 0137-120-00 | Vent Valve MS 50 dual port 115 VAC |
| 1890-285-00 | GROSS VALVE |
| 0139-209-00 | GROSS LEAK ASSEMBLY |
| 0137-120-00 | REVERSE VALVE |
| 1890-287-00 | SMELL VALVE |
| 0139-105-15 | FORELINE VALVE |
| 0135-105-13 | ROUGH VALVE CONTROL SOLENOID |
| 0135-551-00 | ROUGH VALVE STEM,CAP & BELLOWS ASSY |
| 0137-702-00 | PIRANI GAUGE (TEST PORT & FORELINE) |
| 0137-016-00 | SC7 CALIBRATED GAS LEAK |
| 0139-020-00 | VALVE BLOCK ASSEMBLY |
| 0139-206-00 | FORELINE MANIFOLD |
| 341-091-2012 | Pirani W/NW16 port |
| 0135-105-13 | Rough Valve Control Solenoid |
| 0135-551-00 | Rough Valve Stem, Cap, & Bellows Assembly |
| 0139-105-01 | Port Valve MS 50 dual unit |
| 013980200 | O-ring kit |
| 118024500 | Filter |
| Electronics | |
| 584-902 | A board |
| 584-903 | B Board |
| 584-819 | C board, I/O bd on rear of unit for RS232, monitor etc |

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|------------------------|---|
| | connections |
| 584-917 | Filter Board, High Sense only, must be programmed |
| 584-926 | USB charge board |
| 584-823 | GUI Board |
| 361-117 | Touch Screen, replaces 361-116 |
| 936-167 | Cable Package |
| 872-643 | Source cable |
| 872-649 | Collector Cable |
| 246-221-0011 | 12 v power supply |
| 246-231-0010 | 24 vdc power supply |
| 831522600 | Temperature Sensor |
| 900159 | SPEAKER |
| 311-092-3629 | Fan OA938 |
| 118012900 | Fan Muffin OA109AP |
| Accessories | |
| 013980000 | Accessory Kit for the MS50 Helium wet W- oil sealed pumps |
| 013980001 | Accessory Kit for the MS50 Argon wet W- oil sealed pumps |
| 013980002 | Accessory Kit for the MS50 Helium dry W- dry scroll pump |
| 013904500 | Sniffer Probe |
| Maintenance Kit | |
| 013980102-2 | MS50GT mfg after 2014, Service Maintenance Kit w/ oil sealed pumps – includes: |
| | FILAMENT KIT box of 5 |
| | 2X EXHAUST FILTER CARTRIDGE |
| | SOURCE REBUILDING KIT |
| | 2x OIL - 1 LITER VMP -19, |
| | O-RING KIT, MS50, |
| | 2x front panel FILTERs |
| Turbo wick | |