

| 7090 Universal GC | |
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| Part Number | Description |
| NOTE: FID and GC are not provided. Vacuum pump, P/N 80.24.401 or 80.24.402 is required. If not ordered, then user must provide. | |
| Rev. 2 | |
| | REQUIRED COMPONENTS: |
| | Sulfur Detector |
| 99506S-115V | MD. 7090 SCD |
| 99506S-230V | MD. 7090 SCD |
| | Nitrogen Detector |
| 99506N-115V | MD. 7090 CLND |
| 99506N-230V | MD. 7090 CLND |
| | Installation Kit |
| 90179-115V | Kit, Universal 7090 115V |
| 90179-230V | Kit, Universal 7090 230V |
| NOTE: This installation kit requires holes to be drilled in the GC to be able to mount the furnace. An additional mounting plate may be required. | |
| | OPTIONAL COMPONENTS: |
| 80.24.401 | Pump Assembly, Vacuum |
| 80.24.402 | Pump Assembly, Vacuum |
| 100259 | Oxygen Purifier |
| Factory installed option to add Nitrogen Detection (both detector and installation kit part numbers are REQUIRED for upgrade): | |
| 101759 | 7090 Add-on Nitrogen Detector 115V |
| 101760 | 7090 Add-on Nitrogen Detector 230V |
| Factory installed option to add Sulfur Detection (both detector and installation kit part numbers are REQUIRED for upgrade): | |
| 101757 | 7090 Add-on Sulfur Detector 115V |
| 101758 | 7090 Add-on Sulfur Detector 230V |
| | Installation Kit |
| 90179-115V | Kit, Universal 7090 115V |
| 90179-230V | Kit, Universal 7090 230V |
| NOTE: This installation kit requires holes to be drilled in the GC to be able to mount the furnace. An additional mounting plate may be required. | |
| | Furnace Upgrade Kit |
| 101628 | Kit, 7090 Furnace Upgrade |
| NOTE: This upgrade is for customers with the existing 1/8" ceramic tube to be able to upgrade to the 1/4" ceramic | |
| | Recommended Startup Spares and Consumables: |
| 101756 | Kit, 7090 Consumables - 1 year |
| | Recommended 1 Year Consumables: |
| | Recommended 2 Year Spares: |
| | Additional Spares: |
| 22048 | SWITCH, PRESSURE CUTOFF, 28 PSI |

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| 22063 | SENSOR,VACUUM,142PC15A |
| 61009-115V | FAN 4", 120V 4600 |
| 61009-230V | FAN,4",240V,4X |
| 80076 | P/S 12 vdc 40Watt |
| 15059 | COMPOUND ANTI-SEIZE |
| 30140 | FERRULE 1/16" GRAPH BARRL |
| 30448 | TUBE CERA 14 7/8 OUTER, OXIDIZED |
| 30448-N | TUBE CERA 14 7/8 OUTER, NIT DEACT |
| 30500 | TUBE CER. 1.5mm x 1mm x 5 |
| 30659 | Ferrule, Graphite 1/8"-1/16" |
| 31058 | PKG/10, FERRULE, GF, 1/8", (30658) |
| 69082 | FILTER, SULFUR, 1.25 DIA. |
| 70047 | O-ring, .9891D x .070 S70 |
| 70130 | Cooler 2 Stage 12V 2.8Amp |
| 70142 | O-ring 1.9251D x .103 S70 |
| 70144 | O-ring 2.4251D x .103 S70 |
| 70150 | O-ring, 2.3641D x .070 E70 |
| 71011 | Dry Caps |
| 71033 | Gas Dryer Drierite / Mol. Sieve |
| 71050 | O-ring, .9841D x .139 S70 |
| 71068 | O-RING .239ID x .070 S70 |
| 71069 | O-ring, .426ID x .070 S70 |
| 71091 | O-ring, .426D x .070 Kalrez |
| 71092 | O-ring .239ID x .070 Kalrez |
| 72001 | Moleculite Refill Kit |
| 81029-1 | FUSE KIT 7090 |
| 86060 | FURNACE ASSY |
| 86030 | Thermocouple |