

## Thermo Scientific™ SOLA II and SOLA II Trace Sulfur Online Analyzers

### Spare Parts Recommendations

Part Number	Part Description
75-1350-0	Actuator, standard temperature, air, 36 deg, 10-port
75-1348-0	Actuator, standard temperature, air, 90 deg, 6-port
89-2913-0	Assembly, Lookout Software
TE-8812	Attenuator, photo cell
TE-8887	Base assembly, PMT
TE-57P713-1	Bench assembly, SOLA II standard unit
TE-57P7125-1	Bench assembly, SOLA II Trace unit
88-1216-0	Cable, DB9 for RS232 Modbus
TE-6279	Cable, RS232, assembly 6'
88-1217-0	Cable, TCP/IP to CPU
00-1010-S	Cal standard for liquid units (specify volume, S concentration, and fluid, i.e. liter, 6 ppm wt/wt thiophene in #2 diesel)
TE-5365	Connector pins, male, bench
TE-4609	Connector, housing, male pin, bench
97-1592-1	Critical operation spare parts kit, Dinfa valve, liquid applications
97-1592-2	Critical operation spare parts kit, Valco valve, gas applications
97-1592-0	Critical operation spare parts kit, Valco valve, liquid applications
TE-8719	Detector filter
TE-8335	Detector lens
TE-8851	Diffuser, photo cell
75-1334-0	Dinfa valve slider 1.2 µl
19-1182-0	Discs, thermal, T2
19-1183-0	Discs, thermal, T3
TE-8544	Feet, rubber, shock mounts, optical bench
32-5000	Ferrule, Vespel, graphite, 1/16", for fitting to mixer
TE-8852	Filter, detector
HA-100153	Filter, disposable, PUVF inlet, not used with Perm-A-Pure
47-1362-0	Filter, inlet, 2 micron (used for sample and air inlet)
HA-101291	Filter, Perm-A-Pure Dryer
25-1352-0	Flow switch, SS, explosion proof, 1/8" FNPT, SPDT
89-2839-0	Furnace, pyrolyzer, complete assembly
TE-4510	Fuse, 3 amp S/B (PK/5)
18-1579-0	Gauge, 0-100 psi, 1.5 DL, 1/8 CBM
18-1576-0	Gauge, 0-15 psi, 1/5 DL, 1/8 CBM
18-1577-0	Gauge, 0-30 psi, 1/5 DL, 1/8 CBM
HA-101812	Graphite ferrules, reaction tube, furnace
25-6005	Heater, 1000 W, oven

Part Number	Part Description
29-1230-0	Heater, fiber insulated, pyrolyzer
64-1301-0	Heater, wire sleeve, flameless burner
TE-9886	Instrument cover
27-1068-0	Key
49-1161-0	Keypad, numeric, 4-position
97-1580-0	Kit, TCP/IP Ethernet, Modbus
97-1403-0	Kit, valve inject
TE-8666	Lamp, xenon, PUVF flash
TE-8892	Lens assembly, detector, complete
TE-8703	Lens, bi-convex
TE-8333	Lens, condensor
TE-8076	Lens, convex plano-aci
TE-8739	Lens, plano convex- aci
TE-8850	Lens, relay
97-1626-0A	Malema flow switch kit
31-1354-0	Manifold assembly, 4-position with solenoid
TE-8888	Mirror assembly, complete, SOLA II standard unit
TE-57P746	Mirror assembly, dual, complete, SOLA II Trace unit
TE-87420	Mirror, entrance
35-1527-0	Mounting bracket, TCP/IP PCB
97-1590-1	One-year spare parts kit, Dinfa valve, liquid phase applications
97-1590-2	One-year spare parts kit, Valco valve, gas phase applications
97-1590-0	One-year spare parts kit, Valco valve, liquid phase applications
TE-4811	O-ring
TE-4808	O-ring (between reaction chamber)
63-1150-0	O-ring kit, Dinfa valve actuator
63-1143-0	O-ring kit, low temperature for Valco valve actuator
TE-4829	O-ring, chamber entrance
TE-4831	O-ring, detector filter
TE-4820	O-ring, lens relay
TE-4830	O-ring, photo cell
TE-4808	O-ring, photo cell conic
63-1135-0	O-ring, pyrolyzer furnace
89-2896-0	PCB, 4-20 mA input
TE-8943	PCB, A/D
TE-8884	PCB, flasher intensity (photo detector)
TE-9681	PCB, flasher supply
TE-8951	PCB, input, PMT signal
89-2899-0	PCB, Modbus RS485, dual channel
TE-9829	PCB, motherboard
55-1228-0	PCB, Netburner TCP/IP Ethernet 10/100
TE-8949	PCB, PUVF DC power supply
TE-8765	PCB, PUVF temperature control
89-2897-0	PCB, CPU
89-2803-0	PCB, stream relay
89-2898-0	PCB, digital I/O

Part Number	Part Description
TE-8684	Plate, filter lens
TE-8868	PMT, SOLA II standard unit
TE-8391	PMT, SOLA II Trace unit
TE-8165	Power cord, 115 V
85-1173-0	Power supply, 110/220 Vac +5 V, ±12 V, for PCB, input option
85-1164-0	Power supply, 24 VDC , DIN rail mount
TE-9901	Power supply, PMT
32-0024	Reducing union, 316 SS 1/8 tube x 1/16 tube
14-1435-0	Regulator, pressure, 0-100 psi, SS case
30-2009	Regulator, pressure, 0-25 psi, 4-way mini
HA-100645	Relay, solid state
25-1001	RTD, used for oven heater
TE-8869	Socket assembly, PMT
97-1646-0	Quick repair kit
97-1644-0	N2, addition, field installation
97-1651-0	Solenoid manifold adapter kit
31-0030	Solenoid, 24 Vdc, 5-port, 4-way, 2-position, manifold mount
31-1367-0	Solenoid, 24 Vdc, 5-port, 4-way, 2-position, manifold mount
97-1589-1	Startup spare parts kit, Dinfa valve, liquid phase applications
97-1589-2	Startup spare parts kit, Valco valve, gas phase applications
97-1589-0	Startup spare parts kit, Valco valve, liquid phase applications
25-1189-0	Switch, differential pressure, 0.2 in H <sub>2</sub> O
25-1137-0	Switch, pressure sensor, 0-15 psi adj, oven and burner
68-2139-2	Tee, 1/4" x 1/8", Sulfinert
68-2138-2	Tee, 1/8", Sulfinert
89-2650-G	Temperature controller, furnace, Watlow, complete Centalac
89-2089-G	Temperature controller, oven, Watlow, complete Centalac
29-1113-0	Temperature controller, Watlow
56-1150-0	Terminal block, two pole, ceramic, SS connectors
5382	Thermistor IM-1002-A5
27-1108-0	Thermocouple, S type
TE-9934	Transducer, flow
TE-9877	Transducer, pressure assembly
TE-8774	Trigger pak for SOLA II bench, standard unit
TE-8392	Trigger pak for SOLA II bench, Trace unit
30-1025-0	Tube, quartz pyrolyzer furnace, looped
64-1304-0	Tubing, 1/16", Sulfinert
64-1051-0	Tubing, 1/16" OD x 0.02" ID SS
40-0614	Tubing, 1/16" OD x 0.01" ID, SS, capillary
64-1305-0	Tubing, 1/4", Sulfinert
64-1303-0	Tubing, 1/8", Sulfinert
40-0611	Tubing, black nylon, 1/4" OD x 0.035" wall
40-0609	Tubing, FEP, 0.125" OD x 0.062" ID, high temperature
40-0600	Tubing, 1/8" OD x 0.085" ID, 0.020, 304SS
97-1591-1	Two-year spare parts kit, Dinfa valve, liquid phase applications
97-1591-2	Two-year spare parts kit, Valco valve, gas phase applications

Part Number	Part Description
97-1591-0	Two-year spare parts kit, Valco valve, liquid phase applications
75-1343-0	Valve head, Valco, 10-port
75-1333-0	Valve head, Valco, 6-port
45-1837-0	Valve, 3-way, air operated
75-1335-0	Valve, Dinfa, 8-port, 1.2 µl, complete assembly
45-1823-0	Valve, Valco rotor 1.0 µl, 6-port
45-1835-0	Valve, Valco rotor, 10-port
75-1340-0	Valve, Valco, 10-port, complete assembly
75-1332-0	Valve, Valco, 6-port, 1µl, complete assembly with rotor
45-1235-0	Valve, 3-way ball, tube to tube, 316SS, TFE seat, 1/8" port size

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