

Item No.	Description
Syringe, Valve, and Assemblies	
14-7036-016	Bushing, Exit, 1/16" Tezel, Short
14-7038-016	Bushing, Exit, 1/8" Tefzel, Short
14-8820-016	Nut, 1/16", Short, PEEK
14-8659-016	Nut, Flangless, Short, 1/8, Peek
14-7673-152	Syringe, 2.5ml unlubricated
14-9784-150	Valve, 7 PORT Spare, (Torch, Phoenix and Apollo,)
14-8587-30A	Syringe Pumper, Apollo (New)
14-8610-101	Syringe plunger mounting screw, 8-32 shoulder screw, 5-port
14-8814-009	Washer, Kalrez for 4-port and 5-port valves
14-7679-000	Tool, Flangeless Nut Extender, Delrin
14-8438-179	Syringe Stem
14-3661-009	#8x.09 Thick Washer
110-252	Knurled Thumb Screw 6-32 x 1/2
14-8640-080	Bracket, Syringe Locking
14-8661-001	Screw, 6-32 x 1-5 SHCS

Glassware and Assemblies in Chemistry Area	
14-7607-094	Acrylic hood for Apollo 9000
14-0094-000	Acrylic hood magnetic latch for Apollo 9000
511-895	Copper-20 mesh, 1.5 oz Kit
14-7680-024	Fritted sparge tube, IC or UV, for Apollo 9000 or Phoenix 8000
885-143	Mist trap for Apollo 9000, DC-180 and Phoenix 8000
511-738	Pyrex wool 1 gram
14-7621-024	Reaction vessel, IC, for Apollo 9000
14-7014-024	Scrubber assembly, chloride, for Apollo 9000 and Phoenix 8000
511-876	Tin 20 mesh 1.5 oz
888-448	Tube, scrubber U shape
14-7693-024	Water trap for Apollo 9000
14-8203-000	Kit, Mist Catcher

Tubing, Fitting, Septa in Chemistry Area	
14-7036-016	Bushing, Exit, 1/16" Tezel, Short
14-7038-016	Bushing, Exit, 1/8" Tefzel, Short
14-7725-000	Furnace injection transfer line assembly for 0.5mm diameter particulates (Apollo)
14-7689-000	Furnace injection transfer line assembly for 0.8mm diameter particulates (Apollo)
14-8820-016	Nut, 1/16", Short, PEEK
14-8659-016	Nut, Flangless, Short, 1/8, Peek
14-7726-000	Sample transfer line assembly for 0.2mm and 0.5mm particulates
14-7696-000	Sample transfer line assembly for 0.8mm particulates
517-808	Septum, gray, with hole for Cu/Sn scrubber
14-0063-043	Septum, plug for mist trap
517-813	Septum, red for 1/8th in. tubing
517-799	Septum, red/white for 1/16th in. tubing
14-3823-100	Septum, with 1/8" hole, IC sparger
14-7681-002	Tube, TFE 1/16" blue translucent (price per inch)
14-7670-002	Tube, TFE 1/16" green translucent (price per inch)
14-7637-002	Tubing, 1/16OD red, translucent
14-7634-002	Tubing, 1/8" OD, Blue, Translucent (per inch)
14-0583-002	Tubing, 1/8" OD, .062" ID, Natural FEP (per foot)
14-7635-002	Tube, 1/8 OD, Green, Translucent
14-7630-002	Tubing, 1/8" OD, Red, Translucent (per inch)
14-7633-002	Tubing, 1/8" OD, Yellow, Translucent (per inch)
14-7632-002	Tube, Tygon, 5/16 ID 7/16 OD (price per inch)
14-7725-200	Furnace Injection Line, 0.5mm, Apollo with TN Module
14-7689-100	Furnace Injection Line, 0.8mm, Apollo with TN Module

Furnace Area Supplies and Assemblies	
14-7588-080	Bottom connector, combustion tube for Apollo 9000
14-7618-086	Cable, thermocouple to temperature controller for Apollo 9000
14-7687-000	Catalyst for Apollo
14-7640-000	Combustion furnace assembly for Apollo 9000, 115V
14-7640-100	Combustion furnace assembly for Apollo 9000, 240V
14-7617-124	Combustion tube, Apollo
12-0075-016	Conn, Male, 1/8" Tube to 1/8" NPT

14-5187-016	Elbow, 1/8" NPT - 1/8", SS, for bottom connector, Apollo 9000
14-7725-000	Furnace injection transfer line assembly for 0.5mm diameter particulates (Apollo)
14-7689-000	Furnace injection transfer line assembly for 0.8mm diameter particulates (Apollo)
14-7626-090	Furnace temperature controller for Apollo 9000
14-8072-080	Injection on block, upper half
100-501	O-ring, steam viton .424 x .103, ea, for bottom of combustion tube
100-502	O-ring, steam viton .859 x .139, ea, for top of combustion tube
511-735	Quartz wool, .25 Gram Bag
173-036	Grease, High Vacuum, Silicone
14-7682-051	Solid State Relay, 240 VAC, 25A, 0 Volt
14-7639-000	Thermal cut off switch for Apollo 9000 furnace assembly
888-171	Thermocouple, DC-190 and Apollo 9000
14-7625-002	Tube, 1/8" SS (price per inch)
14-7058-016	Union, 1/8" - 1/8", Tube Fitting, SS
884-464	Screen, Platinum Gauze, 52 Mesh, 3/4" x 3/4"
14-7689-100	Furnace Injection Line, 0.8mm, Apollo with TN Module
14-7725-200	Furnace Injection Line, 0.5mm, Apollo with TN Module

Detector

-342322	Cell liner, for Fuji and Apollo IR detectors, 125mm
14-8324-000	Cell liner, for Fuji and Apollo IR detectors, 250 mm
073-023	Cell window o-ring, for Fuji and Apollo IR detectors
073-022	Cell window, for Fuji and Apollo IR detectors
14-6860-000	Chopper motor/light source assembly for Fuji and Apollo IR detectors

Plumbing Area

14-7697-000	Condensing loop assembly
14-7717-000	Fan assembly
090-099	Flow restrictor, 200CC +10 -5CC 1/8 Union Blu
090-098	Flow restrictor, 50 ml/min, white dot
14-7628-050	Flowmeter assembly for Apollo 9000
090-825	Permeation dryer
080-907	Tee 1/8 Polypropylene
080-974	Union reducing 1/8 - 1/4 poly
14-7629-050	Valve, 2-way Clippard, 24 VDC, for Apollo 9000
14-7627-050	Valve, 3-way Kloehn, 24 VDC, for Apollo 9000

Electronics

070-289	Bracket, LED panel mount
14-7621-086	Cable, AC power
14-7105-086	Cable, host, RS 232
14-7106-086	Cable, panel lamps for Apollo 9000 and Phoenix 8000
14-7622-086	Cable, PCB board
14-7034-086	Cable, ribbon, PCB, sampler
14-7758-086	Cable, signal, NDIR
14-7619-086	Cable, syringe
14-7617-086	Cable, temperature control set
14-7626-090	Furnace temperature controller for Apollo 9000
14-5180-034	Fuse, 10A, 250V, 5x20mm, Slow Blow
070-288	LED, green
070-287	LED, yellow
14-7009-090	Main CPU board for Apollo 9000 and Phoenix 8000
14-7009-190	Main CPU board for Apollo 9000 HS
14-4383-028	Switch, Power, 10 AMP Filtered use Delta
14-7624-090	Power supply (after S/N 00150001)
14-7674-055	NDIR Zero Potentiometer
14-8438-179	Syringe Stem
14-7127-000	Pin, Drive, for 14-7127-052 Syringe
14-7040-050	Syringe, drive
14-7007-090	Power supply (before S/N 00150001)

Gas Regulators/ Generators

14-9515-000	CO2 Filter for Regulator Assy, 14-9512-000 (Replace Annually)
14-8628-000	Filter Set / Maintenance Kit for Whatman 78-40 TOC Gas Generator (40-0014-000)
14-9515-000	CO2 Filter for Regulator Assy, 14-9512-000 (Replace Annually)
14-9512-000	Gas Regulator Assy - Includes Gas Regulator and CO2 Filter for carrier gas input into the Apollo.

	ANNUAL FILTER MAINTENANCE KIT for TOC Gas Generator (TOC-700) - includes : 2 Prefilters, 1 Adsorbent Filter, 1 Final Filter, 1 Filter Replacement and 1 Filter Regulator Assy
40-8381-150	
40-8381-250	Catalyst Module for TOC Gas Generator (TOC-700) - Specify voltage (110V or 220V)

Autosampler

14-7623-080	Bracket, vial
14-7036-016	Bushing, Exit, 1/16" Tezel, Short
14-8820-016	Nut, 1/16", Short, PEEK
14-7190-180	Sample Rack, 35 positions, for 28mm x 95mm 40ml VOA Vials (holds approx. 40ml of sample). STS 8000 can hold up to two racks.
14-7189-280	Sample Rack, 77 positions, for 18mm x 150mm culture tubes (hold approx. 20ml of sample). STS 8000 can hold up to two racks.
14-7694-001	Screw for vial bracket
14-7690-053	Needle, 3-Stage, STS-8000
14-7691-053	Septum piercing/sparging needle for 0.5mm particulates
14-7692-053	Septum piercing/sparging needle for 0.8mm particulates
14-7199-053	Non-septum piercing/Non-sparging needle
14-3823-000	Septa, Low Bleed, 40ML, Sample Vial, 72/PK

Atlas -Valveless Sample Handling

14-9004-000	Atlas (TOC Only) - Includes Injection Port, ATLAS Designed ASM Needle, Spacer, Plug Nut, Tubing, Instruction Sheet/Manual, Software CD and Updates.
14-9004-100	Atlas (TC-IC) Includes Injection Ports, ATLAS Designed ASM Needle, Spacer, Plug Nut, Tubing, 3-way valve conversion kit, instruction sheet, and software with updates.

Magnetic Stirring Option

14-7761-100	Magnetic Stirrer tray assembly
14-8226-000	Motor assembly, Magnetic Stirrer
14-7721-090	PCB assembly, Magnetic Stirrer
14-8225-086	Power jack cable assembly
14-8227-079	Pulley, 40 teeth
14-8091-079	Motor/PCB assembly bracket
14-8092-180	Magnetic Stirrer chassis
14-8215-056	Sprocket, 16 teeth
14-8212-031	Dial knob with arrow
14-7701-080	Magnet rotor plate
14-7702-080	Magnet clamp
14-8224-079	Magnet spacer
14-8211-036	1/4 ID bronze bushing sleeve
14-8213-047	Timing belt, 72 rungs
14-7767-179	5.75" magnet
14-8205-000	Magnetic Stirrer power supply
14-0298-039	Cord, power, universal, 115V
14-7761-086	Stirrer jumper cable assembly

Miscellaneous

14-7688-000	Consumable Kit, Apollo 9000 and Apollo 9000HS, 1 year, includes combustion tube, catalyst, quartz wool, permeation dryer, granular copper, granular tin, and various septa, tubing and o-rings. Also includes 2 each of 0.2 mm, 0.5 mm, and 0.8 mm sample transfer lines and furnace injection lines. Also includes packing tool for the combustion tube.
14-7679-000	Tool, Flangeless Nut Extender, Delrin
14-9000-KIT	Operation kit, Apollo 9000 and Apollo 9000 HS, includes combustion tube, catalyst, quartz wool, 1000 ppmC KHP standard, silicone grease, user manual and 0.2 mm, 0.5 mm, and 0.8 mm furnace injection lines.
14-9000-074	Operation manual, Apollo 9000/ HS/ TN Module
14-9000-175	TOC Talk Software Version 4.2 for Apollo 9000 or Apollo 9000HS. This software will NOT work with the TN Module.
14-900N-074	TN Module User Manual
14-8606-000	POC Option for the Apollo 9000. Includes hardware and software patch for TOCTalk 4.2 to run POC analysis. (See Tech Support or Applications for TOCTalk 4.5 TN version or ATLAS Version)

DC-183 Boat Section

885-440	Phoenix & Apollo, PCBA 183 SSS, CTL.
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TN Module

080-980	Valve, Needle, 1 Degree Stem
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080-907	Tee 1/8 Polypropylene
090-097	Flow restrictor, 100mL/min, red dot
511-939	Check, Standard, 20 ppm Nitrogen, KNO ₃ /H ₂ O - 125mL
12-0044-016	Ferrule set, 1/8", brass, set
12-0069-016	Nut, 1/8", brass
12-0070-016	Tee, 1/8", Brass
14-0583-002	Tubing, 1/8" OD, .062" ID, Natural FEP (per foot)
14-5231-022	Clamp, Hose, 9/16"
14-7009-290	PCBA, CPU, Standard Apollo with TN Module
14-7009-390	PCBA, CPU, Apollo HS with TN Module
14-7028-042	Clip, Valve, Air
14-7038-016	Bushing, Exit, 1/8" Tefzel, Short
14-7070-022	Clamp, Hose, 3/8"
14-7629-050	Valve, 2-way Clippard, 24 VDC, for Apollo 9000
14-7635-002	Tube, 1/8 OD, Green, Translucent
14-7689-100	Furnace Injection Line, 0.8mm, Apollo with TN Module
14-7725-200	Furnace Injection Line, 0.5mm, Apollo with TN Module
14-8658-086	DIN connector assembly, external
14-8806-024	Ozone Scrubber, TN Module
14-8807-024	Ozonator, TN Module
14-8808-090	Power Supply, Ozonator, 115V, TN Module
14-8808-190	Power Supply, Ozonator, 230V, TN Module
14-900N-074	TN Module User Manual
14-9301-000	ASSY, DETECTOR 400-CLD (10)
14-9302-086	ASSY, CABLE FAN TN MODULE
14-9303-086	ASSY, CABLE DIN CONN TN MODULE
14-9304-086	ASSY, CABLE, LED TN MODULE
14-9305-086	ASSY, CABLE, T/C POWER TN MODULE
14-9306-086	ASSY, CABLE CLD POWER TN MODULE
14-9307-086	ASSY, CABLE OZONE LAMP 115V TN MODULE
14-9307-186	ASSY, CABLE OZONE LAMP 230V TN MODULE
14-9308-050	VALVE, NEEDLE ANGLE BRASS 1/8T
14-9309-034	FUSE SLO BLO 5mmX20mm 2.5A 250V
14-9310-034	FUSE SLO BLO 5mmX20mm 1A 250V
14-9311-024	OZONE LAMP
14-9312-028	SWITCH, POWER SUPPLY TN MODULE
14-9313-028	POWER ENTRY MODULE, TN MODULE
14-9314-016	FILTER, LONG PASS HCLD
14-9315-043	O-RING, VITON LONG PASS FILTER
14-9316-000	CELL, 10mm NOX DETECTOR
14-9317-043	GASKET, NOX DETECTOR MANIFOLD TEFLON
14-9318-043	GASKET, NOX DETECTOR CELL TEFLON
14-9319-043	GASKET, NOX DETECTOR HOUSING FOAM
14-9320-043	GASKET, NOX DETECTOR LIGHT SEAL
14-9321-058	TRANSISTOR MJF122 N-CHANNEL
14-9322-059	VOLTAGE REGULATOR, LM317T
14-9323-057	PHOTO DIODE, HCLD
14-9324-020	THERMOELECTRIC COOLER, NOX DETECTOR
14-9325-001	SCREW PHS NYLON 4-40 X 1/4
14-9326-000	ASSY, NOZZLE SAMPLE NOX DETECTOR 10
14-9327-000	ASSY, NOZZLE OZONE DETECTOR 10
14-9328-058	IC, AD708/OPA2277 (U1)
14-9329-015	TRIMPOT, TOP 1/4 SQ 10K (R5,R6)
14-9330-015	TRIMPOT, TOP 1/4 SQ 200K (R17)
14-9331-015	RESISTOR, POWER 15W 0.75 OHM (R14)
14-9332-015	RESISTOR, POWER 15W 5 OHM (R12)
36661	Red Lens Filter