

		<b>HT3</b>
	Item No.	Description
<b>Headspace Systems</b>		
	14-9300-000	Teledyne Tekmar HT3 Headspace Autosampler. This static headspace autosampler comes with our 60 position autosampler, 10 position platen heater, integrated Optimix equilibrium system, and completely heated Silcosteel sample pathway. Entire system can be heated from ambient up to 300C in increments of 1C. Valve and loop configuration includes 1ml standard loop. System's gas flows and pressure are electronically monitored and controlled. Windows XP or 2000 is required to operate the included HT3 TekLink software. Power requirements are 115V, 50/60 Hz, 10A. Make sure to order the appropriate GC interface cable to ensure proper installation
	14-9300-100	HT3 Static 230V version.
	14-9300-00S	Teledyne Tekmar HT3 Dynamic Headspace Autosampler. This dynamic headspace autosampler comes with our 60 position autosampler, 10 position platen heater, integrated Optimix equilibrium system, and completely heated Silcosteel sample pathway. Entire system, including trap, can be heated from ambient up to 300C in increments of 1C. Valve and loop configuration includes 1ml standard loop. Dynamic mode includes 12" x 1/8" Tenax/Silica Gel and Charcoal (#3) trap and Vocarb 3000 (K) trap. Static and Dynamic modes may be used interchangeably throughout the same schedule. System's gas flows and pressure are electronically monitored and controlled. Windows XP or 2000 is required to operate the included HT3 TekLink software. Power requirements are 115V, 50/60 Hz, 10A. Make sure to order the appropriate GC interface cable to ensure proper installation.
	14-9300-10S	HT3 Dynamic, 230V version.
	14-3741-000	Set-up and familiarization of above equipment if installed at the same time. Price determined by proximity to nearest service center.
	14-9300-IQOQ	Installation Qualification/Operation Qualification documentation.
	14-9300-QAL	HT3 Qualification Labor Loop & Trap
<b>Loops</b>		
	14-9172-067	Versa 1ml loop, Silco coated.
	14-9417-067	Versa 2 ml loop, Silco coated.
	14-8641-067	Versa 5ml loop, Silcosteel
	14-9414-067	Versa 100ul loop, Silco coated.
	14-9415-067	Versa 250ul loop, Silco coated.
	14-9416-067	Versa 500ul loop, Silco coated.
	14-9415-167	Versa 300ul loop, Silco coated
<b>Caps</b>		
	14-4436-000	Crimp Cap. For headspace septa and 20mm top headspace vials, 125 per pack.
<b>Septa</b>		
	14-5818-043	Silicon rubber/teflon face septa. For 20mm top headspace vials, 125 per pack. Included with instrument shipment. (Recommended for temperatures over 100 degrees C. Color coded tan.)

	14-7418-080	Foil backing, septa (pack of 125), required for high temperature vials.
	14-4385-043	Butyl rubber septa without teflon face. For 20mm top headspace vials, 125 per pack. Recommended for temperatures up to 100 degrees C. Color coded grey.
<b>Vials</b>		
	14-4440-324	Vials, 22ml headspace, w/20mm top, for high temperature use (over 225C), 125 per pack. Included with instrument shipment.
	14-4440-024	Vials, 22ml headspace, w/20mm top, 125 per pack.
	14-4439-024	Vials, 12ml headspace, w/20mm top, 125 per pack. ** Requires insert for use**
	14-4438-024	Vials, 9ml headspace, w/20mm top, 100 per pack. ** Requires insert for use**
<b>Traps</b>		
	14-5864-003	Trap, VOCARB 3000
	14-5865-003	Trap, VOCARB 4000
	12-0083-003	Trap, Tenax (#1)
	12-0084-003	Trap, Tenax/Silica gel (#2)
	14-0124-003	Trap, Tenax/Silica gel/charcoal, 12" x 1/8" (#3)
	14-1457-003	Trap, Tenax/charcoal, 12" x 1/8" (#4)
	14-2366-003	Trap, OV-1/Tenax/Silica gel/charcoal, 12" x 1/8" (#5)
	14-1755-003	Trap, OV-1/Tenax/Silica gel, 12" x 1/8" (#6)
	14-3347-003	Trap, OV-1/Tenax, 12" x 1/8" (#7)
	14-3928-003	Trap, Carbo B/Carbo S (#8)
	14-5866-003	Trap, BTEX
	14-4045-003	Trap, GLT, Tenax (G1)
	14-4046-003	Trap, GLT, Tenax/Silica gel (G2)
	14-4047-003	Trap, GLT, Tenax/Silica gel/charcoal (G3)
	14-9908-003	#9 Trap, straight (XPT)
<b>Interface Cables</b>		
	14-6689-086	Interface, HP 6850, 6890, 7890 GC
	14-2991-000	Interface, HP 5890 GC
	14-4188-086	Interface, HP 5890 w/5970 MSD and Unix or Pascal based software. Note: This cable requires the HP A111 (HP P/N 05990-60111) or A211 (HP P/N 05990-60211) accessory card and internal accessory cable (HP P/N 05987-60158) if using the Pascal software. If using Unix software the internal accessory cable (HP P/N 05987-60158) only is necessary.
	14-4652-086	Interface, HP 5890 w/5970 MSD and Unix-B or MS-DOS software, HP 5890/5971/5972 MSD and Unix-B or MS-DOS software and HP 5890/5989 MS Engine
	14-2993-000	Interface, HP 5995/96/85/87/88/92 GC/MS with HP-1000/RTE GC/MS Software.
	14-3233-000	Interface, Perkin-Elmer 8000 Series/Autosystem, Clarus.
	14-7396-086	Interface, Varian 3800/3900
	14-4610-086	Interface, Shimadzu GC 14A/15A/17A GC 14A w/QP 1000 EX MSD and GC 14A w/QP 2000 MSD, also includes 1/16" to 2mm unions, needs Shimadzu P/N 221-34280-91
	14-4610-186	Interface, Shimadzu GC 14A/15A/17A GC 14A w/QP 1000 EX MSD and GC 14A w/QP 2000 MSD, needs Shimadzu P/N 221-34280-91
	14-4938-086	Interface, Carlo Erba Mega and Vega Series/Fisons 8000

	14-3147-000	Interface, general purpose/HNU 301/321/421 (Valve driver option necessary from HNU.)
	14-7397-086	Trace 2000/Trace GC Ultra Interface cable w/ 1/16" to 2mm unions
	14-7397-186	Trace 2000/Trace GC Ultra Interface cable
	14-3233-200	PE Clarus 500 Interface Cable
	14-9754-086	Shimadzu 2010-2014 Interface Cable

### Computer Interface Cables

	14-5107-086	RS232 Cable Assembly (included with unit)
	14-9182-086	Cable Assy, RJ45 Ethernet

### Sample Preparation Accessories

	14-4863-027	Hand crimper for 20mm top headspace vials
	14-5020-027	Crimp station, air powered
	14-4864-027	Tool, decapper 20mm neck
	14-4865-027	Crimp station, 20mm top headspace vials. Includes 20mm jaw set
	14-4386-027	Jaw set, 20mm, crimp station
	14-4866-027	Rack holder, vial, for 10 headspace vials
	14-0069-052	5ml gastight syringe w/luer connector
	12-0089-052	10ul calibration syringe
	14-9001-077	Electronic Crimper for 12x32 mm vials.(115V)
	14-9001-177	Electronic Crimper for 12x32mm vials. (230V)

### Septum Needle Adaptors \*\*\* All Adaptor Kits Require 14-3938-000 \*\*\*

	14-4913-153	Septum needle adapter kit, Varian 1040/1041 packed injection port
	14-4913-253	Septum needle adapter kit, HP 5890A, 6890, capillary injection port
	14-4913-353	Septum needle adapter kit, HP 5880A, 5890A and 6890 packed injection port
	14-4913-453	Septum needle adapter kit, Varian SPI 1075/1077 and Tracor 540 injection ports
	14-4913-553	Septum needle adapter kit, Perkin Elmer, all Sigma Series, all 8000 Series, and autosystem injection ports
	14-4913-653	Septum needle adaptor kit, Shimadzu 9A, 14A and 17A packed injection ports
	14-1591-110	Septum nut, Varian 1040/1041 injection port
	14-5036-010	Septum nut, HP 5890A capillary injection port
	14-5036-110	Septum nut, HP 5890A packed injection port
	14-1591-410	Septum nut, Varian SPI 1075/1077 and Tracor 540 injection ports
	14-1591-510	Septum nut, Perkin-Elmer, all Sigma/8000 Series, & Autosystem ports
	14-1591-610	Septum nut, Shimadzu 9A, 14A and 17A packed injection ports