

Gas Chromatograph Mass Spectrometer

GC/GCMS Autosamplers Consumables



Thank you for purchasing a Shimadzu Gas Chromatograph or Gas Chromatograph / Mass Spectrometer. Utilizing the proper consumables will help keep your system running at optimal performance. Please use this catalog to select the items needed for your sample introduction device. To purchase these and other consumables, please visit our web store:

<https://store.shimadzu.com>.

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Tested & Proven Consumables for the AOC-30 and AOC-20 Series

To obtain correct results or minimize unexpected system downtime, the presence of reliable quality consumables is essential. Shimadzu offers a wide range of consumables to maximize the performance of GC/GCMS systems.



High-Quality Vials

The Shimadzu vial is a high-quality vial with significantly reduced septa bleed. Analysis with low-quality vials results in incorrect analysis and risks contamination of the equipment and loss of valuable samples. The Shimadzu vial ensures performance and always provides reliable results.



Xtra Clean Conical Cap

This item is ideal for a vial cap for washing/cleaning solvents. The septa-less structure ensures that the cleaning solvent is not contaminated by the septum, making it safe to use for long-term multi-sample analysis.



Xtra Life Microsyringe

The plunger made of a special titanium alloy has excellent flexibility, enabling you to perform long-term analysis without worrying about poor plunger operation due to bending or sliding friction. This syringe is also recommended for the analysis of water-soluble samples that can be challenging for conventional stainless-steel plungers, which tend to get stuck after only a few injections.



Xtra Life Inlet Septum

The unique structure achieves ten times more leak-free analysis than conventional methods and minimizes the amount of septa dust generated repeatedly during injections. Shimadzu's New Normal septa makes worry-free long-term analysis possible and is ideal for trace-level analysis where septum particles can get in the way of results.

Vial Kits

Part #	Description	Notes
220-97331-30	Vial Kit, 1.5mL Clear Glass Vial w/ Cap & Septa	Screw Cap with Silicone/PTFE septa. Compatible with insert 220-97331-62 or 220-97331-63. 100/pk
220-97331-31	Vial Kit, 1.5mL Amber Glass Vial w/ Cap & Septa	Screw Cap with Silicone/PTFE septa. Compatible with insert 220-97331-62 or 220-97331-63. 100/pk
220-97331-46	Vial Kit, 1.5mL Clear Glass Vial w/ Cap & Septa,	Screw Cap with Silicone/PTFE septa. Compatible with insert 220-97331-62 or 220-97331-63. 1000/pk
220-97331-47	Vial Kit, 1.5mL Amber Glass Vial w/ Cap & Septa	Screw Cap with Silicone/PTFE septa. Compatible with insert 220-97331-62 or 220-97331-63. 1000/pk
220-97331-67	Vial Kit, 1.5mL Clear Silanized Glass Vial w/ Cap & Septa	Screw Cap with Silicone/PTFE septa. Compatible with insert 220-97331-62 or 220-97331-63. 100/pk
220-97331-68	Vial Kit, 1.5mL Amber Silanized Glass Vial w/ Cap & Septa	Screw Cap with Silicone/PTFE septa. Compatible with insert 220-97331-62 or 220-97331-63. 100/pk
220-91521-03	Vial Kit, clear glass with integrated micro-insert	Screw Caps with Silicone/PTFE septa, with 200µL fused insert, 100/pk
220-97331-22	Vial Kit, 4mL Clear Glass Screw Top Vial w/ Cap & Septa	Screw Cap with Silicone/PTFE septa, 100/pk
220-97331-23	Vial Kit, 4mL Amber Glass Screw Top Vial w/ Cap & Septa	Screw Cap with Silicone/PTFE septa, 100/pk
220-97331-40	Vial Kit, 4mL Clear Glass Screw Top Vial w/ Cap & Septa	Screw Cap with Silicone/PTFE septa, 1000/pk
220-97331-41	Vial Kit, 4mL Amber Glass Screw Top Vial w/ Cap & Septa	Screw Cap with Silicone/PTFE septa, 1000/pk
REST-23096	Vial Kit, 4mL Rinse/Waste Vials with Diffusion Caps	Diffusion caps (Xtra clean conical) prevent evaporation of volatile solvents, pk of 12



Replacement Vials, Caps & Septa

Part #	Description	Notes
220-97331-25	Vials, 1.5mL Clear Glass Vial Only	Short Thread Vial. Compatible with insert 220-97331-62 or 220-97331-63. 100/pk
220-97331-26	Vials, 1.5mL Amber Glass Vial Only	Short Thread Vial. Compatible with insert 220-97331-62 or 220-97331-63. 100/pk
220-97331-65	Vials, 1.5mL Clear Silanized Glass Vial Only	Short Thread Vial. Compatible with insert 220-97331-62 or 220-97331-63. 100/pk
220-97331-66	Vials, 1.5mL Amber Silanized Glass Vial Only	Short Thread Vial. Compatible with insert 220-97331-62 or 220-97331-63. 100/pk
220-97331-27	Screw Cap & Septa Only, for 1.5mL Vials	Screw Cap, Silicone/PTFE Septa, 100/pk
220-97331-17	Vials, 4mL Vial Only, clear glass	Screw Cap Style, 100/pk
220-97331-18	Vials, 4mL Vial Only, amber glass	Screw Cap Style, 100/pk
220-97331-20	Screw Cap & Septa Only, for 4mL Vials	Screw Cap, Silicone/PTFE Septa, 100/pk
227-35600-01	Xtra clean conical cap insert for 4mL vials	Cap inserts only, replacement for septa, 12pc

Vial Inserts

Part #	Description	Notes
220-97331-62	Vials, 200uL Glass Insert Only, 100/pk	Clear glass with plastic spring for centering.
220-97331-63	200uL Glass Insert Only, Silanized, 100/pk	Clear silanized glass with plastic spring for centering.

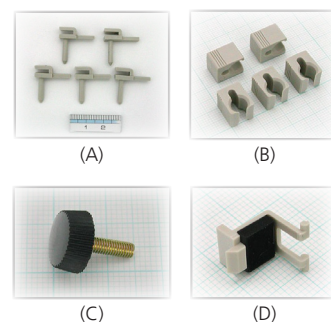


Syringes for AOC-20i and AOC-30i

Part #	Description	Notes
221-75173-00	Syringe, 5μL, fixed needle	Syring for manual injection or for use with AOC-20i or AOC-30i, 0.63mm needle (23 gauge)
221-34618-00	Syringe, 10μL, fixed needle	Syring for manual injection or for use with AOC-20i or AOC-30i, 0.63mm needle (23 gauge)
227-35401-01	Xtra life micro-syringe, 5μL	Long life, Titanium alloy plunger, for use with AOC-20i or AOC-30i
227-35400-01	Xtra life micro-syringe, 10μL	Long life, Titanium alloy plunger, for use with AOC-20i or AOC-30i
220-90282-20	Syringe, 10μL removable needle	Syring for manual injection or for use with AOC-20i or AOC-30i, 0.63mm needle (23 gauge)
220-90281-20	Removable needles, 0.63mm (23 gauge)	Replacement needles 0.63 mm for 220-90282-20, 2/pk
220-90282-21	Syringe, 10μL removable needle, 26 gauge	Syring for manual injection or for use with AOC-20i or AOC-30i, 0.47mm needle (26 gauge)
220-90281-21	Removable needles, 0.47mm (26 gauge)	Replacement needles 0.47mm for 220-90282-21
220-90282-23	Removable needles, 0.63/0.47, tapered	Replacement needles for 220-90282-21, dual gauge (0.63/0.47mm) for on-column injection (OCI)
227-35002-01	Syringe, 0.5 μL	AOC-20i or AOC-30i Plunger-in-needle style syringe, 0.5μL
221-74469-00	Syringe, 10μL PTFE tip, fixed needle	AOC-20i or AOC-30i syringe with PTFE tip (gas tight) plunger, 23 gauge
221-75173-01	Replacement plunger, For 221-74469-00	Replacement plungers for 221-74469-00, 2/pk
221-75174-00	Syringe, 10μL PTFE tip, removable needle	AOC-20i or AOC-30i syringe with PTFE tip (gas tight) plunger, 23 gauge
221-75174-01	Replacement needles, For 221-75174-00	Replacement needles for 221-75174-00, 2/pk
221-75174-02	Replacement plungers, For 221-75174-00	Replacement plungers for 221-75174-00, 2/pk
221-37282-02	Syringe, 10μL for OCI, fixed needle	Syringe for on-column injection, for use with AOC-20i or AOC-30i, tapered needle
221-45243-00	Syringe, 50μL, fixed needle	Syringe for manual injection or for use with AOC-20i or AOC-30i, 0.63mm ID, Fixed Needle
221-45244-00	Syringe, 250μL PTFE tip, fixed needle	Syringe for manual injection or for use with AOC-20i or AOC-30i, 0.63mm ID, Fixed Needle, PTFE Tip
221-45244-01	Replacement plungers, For 221-45244-00	Replacement Plunger for 250uL Gas Tight Syringe (221-45244-00), 2/pk

| Syringe Holders for AOC-20i and AOC-30i

Part #	Description	Notes
221-45177-91	(A) Plunger holder	Holds plunger, for use with AOC-20i or AOC-30i, 5/pk
221-45178-91	(B) Barrel holder	Holds syringe barrel, for use with AOC-20i or AOC-30i, 5/pk
037-02820-00	(C) Plunger holder knob	Bellows knob N-1 with M3 x 10, for use with AOC-20i or AOC-30i
221-48989-91	(D) Barrel clip	Holds syringe in place in the barrel holder assy, for use with AOC-20i or AOC-30i



| Optional Accessories for AOC-20i

Part #	Description	Notes
221-45622-91	Long rack assy with vial holder	Long rack with 12 sample holders, for AOC-20i only
221-45609-91	Vial holder with holes, for 1.5mL vials, AOC-20i	Vial holder with holes to connect to water bath for heating or cooling, 6 sample positions. Liquid must be supplied separately from the thermostatic bath. Possible temperature for cooling/heating is 0 to 60 °C.
221-32949-01	Vial holder, for 4mL vials, AOC-20i	For 4mL vials, 2 positions
221-74090-41	Earthquake safety bracket for AOC-20i on GC-2030 / GC-2010	For securing AOC-20i to GC unit to prevent them from falling down due to intense shaking such as in the event of an earthquake.
221-74090-42	Earthquake safety bracket for AOC-20i on GC-2014	For securing AOC-20i to GC unit to prevent them from falling down due to intense shaking such as in the event of an earthquake.
221-44548-93	AOC-20i mounting parts for GC-2030 and GC-2010	Extra set of mounting pins for AOC-20i on GC-2030 or GC-2010 to allow moving AOC-20i between different injection ports.
221-44548-94	AOC-20i mounting parts for GC-2014	Extra set of mounting pins for AOC-20i on GC-2014 to allow moving AOC-20i between different injection ports.



221-45622-91



221-45609-91



221-32949-01

| Optional Accessories for AOC-30i

Part #	Description	Notes
221-86017-41	Earthquake safety bracket for AOC-30i on GC-2030	For securing AOC-30i to GC unit to prevent them from falling down due to intense shaking such as in the event of an earthquake.
221-86005-58	AOC-30i mounting parts for GC-2030	Set of mounting pins for AOC-30i on GC-2030 to allow moving AOC-30i between different injection ports.

| Optional Accessories for AOC-20s and AOC-20s U

Part #	Description	Notes
221-85189-43	Rack assembly, half tray, with holes for cooling or heating for 1.5mL vials	Includes tubing and 3 racks with holes for sample cooling or heating. Liquid must be supplied separately from the thermostatic bath. Possible temperature for cooling/heating is 0 to 60 °C.
221-44709-42	Vial rack, with holes, for 1.5mL vials, AOC-20s and AOC-20s U	Single rack with 25 positions for 1.5mL vials, with holes for heating or cooling liquid. Rack only.
221-44710-42	Vial rack, with holes, for 4mL vials, AOC-20s and AOC-20s U	Single rack with 16 positions for 4mL vials, with holes for heating or cooling liquid. Rack only.
221-47173-58	Barcode reader, AOC-20s and AOC-20s U	Compatible with Code 39, NW-7 or JAN barcode labels.

| Connection Cables

Part #	Description	Notes
221-49794-91	AOC20 or AOC-30 autoinjector cable	This is the power cable for AOC-20i and AOC-30i autoinjectors (with one noise filter).
221-49794-92	AOC20 sampler cable	This is the power cable for AOC-20s and AOC-20s U (with two noise filters).
225-31264-91	GC-Ready Cable for AOC-20i & HS-10	For simultaneous connection of AOC-20i and HS-10 to GC-2014 and GC-2010; not needed for GC-2030
225-23415-91	GC-Ready Cable for AOC-20i & HS-20	For simultaneous connection of AOC-20i and HS-20 to GC-2014 and GC-2010; not needed for GC-2030
221-48406-91	RS-232C cable for AOC	Short cable that connects AOC-20 internal power supply to GC-2010/2014 CPU
221-48405-91	GC ready/start cable	Short cable that connects AOC-20 internal power supply to GC-2010/2014 CPU

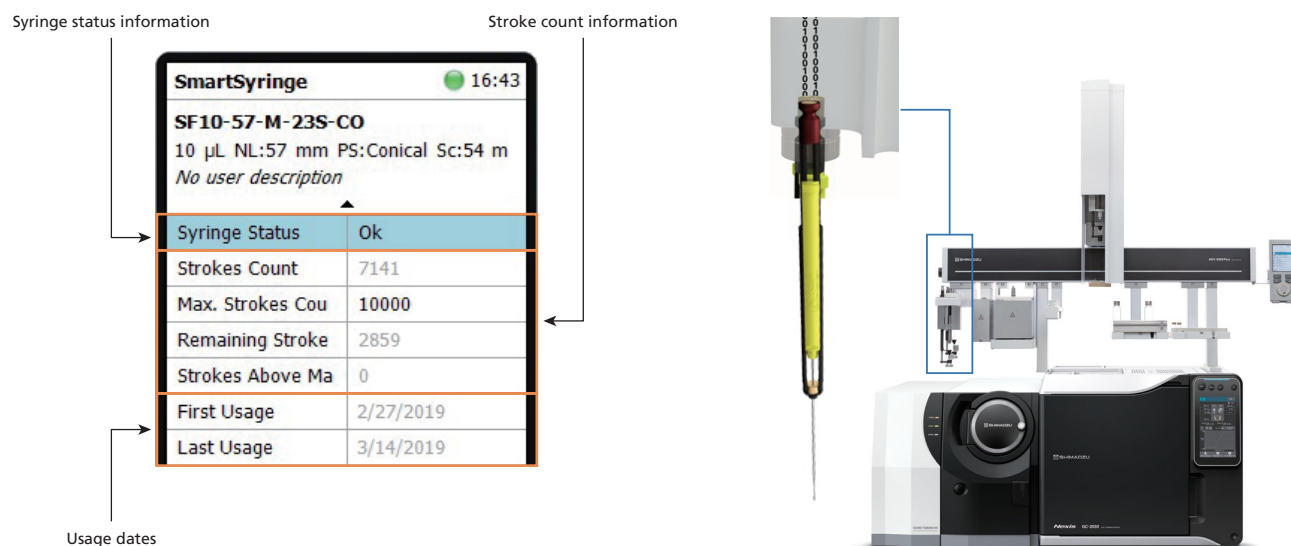
| Injection Port Needle Guides and Septa

Part #	Description	Notes
221-44584-00	Needle Guide, for injection port	Required for AOC-20i and AOC-30i
221-77117-41	Septum nut with integrated needle guide for GC-2030 SPL	For GC-2030 Split/splitless injection port
221-45205-00	Needle Guide, for OCI	Long needle guide for on-column injection
221-76650-01	Septa, Green	Low bleed, max temp 340°C, pack of 25
227-35004-01	Premium green septa	come as standard accessory of GC-2030, pack of 50, max temp 350°C, low bleed
220-90638-01	Septa, Red, HT	Max temp 400°C, pack of 25
227-35511-01	Xtra life inlet septa, red 25 pcs	Max temp 400°C, pack of 25, up to 1000 injections

Introducing Smart Consumables for the AOC-6000 Plus

Increased Data Reliability with Syringe and Fiber Usage History

The AOC-6000 Plus includes a feature for managing the use of syringes and fibers. It reads the Smart Chips built into the specially-designed Smart Syringe, Smart SPME Fiber, and Smart SPME Arrow and displays information for the device, such as temperature resistance, usage history, usage dates and stroke count*¹. The ability to automate complicated consumables management and monitor the conditions of syringes and fibers leads to more reliable data.



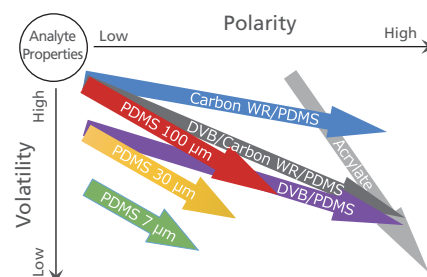
A broad lineup of Smart Syringes, Smart SPME Fibers and Smart SPME Arrows compatible with the AOC-6000 Plus are available to cover any analysis.



The Smart Syringes have color-coded plungers so that the volume can be distinguished at a glance.



Choose the best consumables for your application with a lineup of Smart SPME Fibres and Smart SPME Arrows covering all types of mobile phase. Plungers are color-coded according to the mobile phase type so that consumables can be distinguished easily.



*¹ The AOC-6000 Plus is only compatible with the Smart Syringe, Smart SPME Fiber and Smart SPME Arrow. Syringes and fibers without a Smart Chip cannot be used.

Liquid and Headspace Syringes

Part #	CTC Part #	Description	Notes
227-35353-01	SF10-57-T-26S-CO	Smart Syringe, 10uL Liquid 26S, AOC-6000	10uL Smart Syringe with fixed needle for Tool D7/57: Needle length 57mm, PTFE plunger, gauge 26S, scale length 60mm, Point Style conical
227-35353-02	SF10-57-T-23S-CO	Smart Syringe, 10uL Liquid 23S, AOC-6000	10uL Smart Syringe with fixed needle for Tool D7/57: Needle length 57mm, PTFE plunger, gauge 23S, scale length 60mm, Point Style conical
227-35352-02	SF10-57-M-23S-CO	Smart Syringe, 10uL Liquid Metal Plunger, AOC-6000	10uL Smart Syringe with fixed needle for Tool D7/57: Needle length 57mm, metal plunger, gauge 23S, scale length 54mm, Point Style conical
227-35361-01	SF10-85-M-26S-CO	Smart Syringe, 10uL LINEX Metal Plunger, AOC-6000	10uL Smart Syringe with fixed needle for Tool D7/85: Needle length 85mm, metal plunger, gauge 26S, scale length 54mm, Point Style conical
227-35361-02	SF10-85-T-26S-CO	Smart Syringe, 10uL LINEX PTFE Plunger, AOC-6000	10uL Smart Syringe with fixed needle for Tool D7/85: Needle length 85mm, PTFE plunger, gauge 26S, scale length 60mm, Point Style conical
227-35354-01	SF25-57-T-26S-CO	Smart Syringe, 25uL Liquid, AOC-6000	25uL Smart Syringe with fixed needle for Tool D7/57: Needle length 57mm, PTFE plunger, gauge 26S, scale length 60mm, Point Style conical
227-35354-02	SF50-57-T-26S-CO	Smart Syringe, 50uL Liquid, AOC-6000	50uL Smart Syringe with fixed needle for Tool D7/57: Needle length 57mm, PTFE plunger, gauge 26S, scale length 60mm, Point Style conical
227-35355-01	SF100-57-T-26S-CO	Smart Syringe, 100uL Liquid, AOC-6000	100uL Smart Syringe with fixed needle for Tool D7/57: Needle length 57mm, PTFE plunger, gauge 26S, scale length 60mm, Point Style conical
227-35362-01	SF100-85-T-26S-CO	Smart Syringe, 100uL LINEX, AOC-6000	100uL Smart Syringe with fixed needle for Tool D7/85: Needle length 85mm, PTFE plunger, gauge 26S, scale length 60mm, Point Style conical
227-35356-01	SF250-57-T-26-CO	Smart Syringe, 250uL Liquid, AOC-6000	250uL Smart Syringe with fixed needle for Tool D8/57: Needle length 57mm, PTFE plunger, gauge 26, scale length 60mm, Point Style conical
227-35357-01	SF500-57-T-26-CO	Smart Syringe, 500uL Liquid, AOC-6000	500uL Smart Syringe with fixed needle for Tool D8/57: Needle length 57mm, PTFE plunger, gauge 26, scale length 60mm, Point Style conical
227-35358-01	SF1000-57-T-23-CO	Smart Syringe, 1000uL Liquid, AOC-6000	1000uL Smart Syringe with fixed needle for Tool D8/57: Needle length 57mm, PTFE plunger, gauge 23, scale length 60mm, Point Style conical
227-35359-01	SH2500-65-T-23-SP	Smart Syringe, 2500uL Headspace, AOC-6000	2500uL Smart Headspace Syringe with fixed needle for Tool HS2500, PTFE Plunger, Needle length 65mm, Gauge 23, Point Style Sideport

Smart SPME Fibers

PDMS

Part #	CTC Part #	Description	Notes
227-35342-01	SFIB-P-7/10-P1	Smart Fiber, SPME, 7 μ m PDMS 1 pc, AOC-6000	Smart SPME fiber PDMS (Polydimethylsiloxane) Fiber thickness 7 μ m Fiber length 10mm color code: green pack of 1pc
227-35342-03	SFIB-P-7/10-P3	Smart Fiber, SPME, 7 μ m PDMS 3 pc, AOC-6000	Smart SPME fiber PDMS (Polydimethylsiloxane) Fiber thickness 7 μ m Fiber length 10mm color code: green pack of 3pc
227-35342-05	SFIB-P-7/10-P5	Smart Fiber, SPME, 7 μ m PDMS 5 pc, AOC-6000	Smart SPME fiber PDMS (Polydimethylsiloxane) Fiber thickness 7 μ m Fiber length 10mm color code: green pack of 5pc
227-35343-01	SFIB-P-30/10-P1	Smart Fiber, SPME, 30 μ m PDMS 1 pc, AOC-6000	Smart SPME fiber PDMS (Polydimethylsiloxane) Fiber thickness 30 μ m Fiber length 10mm color code: golden pack of 1pc
227-35343-03	SFIB-P-30/10-P3	Smart Fiber, SPME, 30 μ m PDMS 3 pc, AOC-6000	Smart SPME fiber PDMS (Polydimethylsiloxane) Fiber thickness 30 μ m Fiber length 10mm color code: golden pack of 3pc
227-35343-05	SFIB-P-30/10-P5	Smart Fiber, SPME, 30 μ m PDMS 5 pc, AOC-6000	Smart SPME fiber PDMS (Polydimethylsiloxane) Fiber thickness 30 μ m Fiber length 10mm color code: golden pack of 5pc
227-35344-01	SFIB-P-100/10-P1	Smart Fiber, SPME, 100 μ m PDMS 1 pc, AOC-6000	Smart SPME fiber PDMS (Polydimethylsiloxane) Fiber thickness 100 μ m Fiber length 10mm color code: red pack of 1pc
227-35344-03	SFIB-P-100/10-P3	Smart Fiber, SPME, 100 μ m PDMS 3 pc, AOC-6000	Smart SPME fiber PDMS (Polydimethylsiloxane) Fiber thickness 100 μ m Fiber length 10mm color code: red pack of 3pc
227-35344-05	SFIB-P-100/10-P5	Smart Fiber, SPME, 100 μ m PDMS 5 pc, AOC-6000	Smart SPME fiber PDMS (Polydimethylsiloxane) Fiber thickness 100 μ m Fiber length 10mm color code: red pack of 5pc

DVB/PDMS

Part #	CTC Part #	Description	Notes
227-35346-01	SFIB-DVB-65/10-P1	Smart Fiber, SPME, DVB/PDMS 1 pc, AOC-6000	Smart SPME fiber DVB/PDMS (Divinylbenzene / Polydimethylsiloxane) Fiber thickness 65 μ m Fiber length 10mm color code: violet pack of 1pc
227-35346-03	SFIB-DVB-65/10-P3	Smart Fiber, SPME, DVB/PDMS 3 pc, AOC-6000	Smart SPME fiber DVB/PDMS (Divinylbenzene / Polydimethylsiloxane) Fiber thickness 65 μ m Fiber length 10mm color code: violet pack of 3pc
227-35346-05	SFIB-DVB-65/10-P5	Smart Fiber, SPME, DVB/PDMS 5 pc, AOC-6000	Smart SPME fiber DVB/PDMS (Divinylbenzene / Polydimethylsiloxane) Fiber thickness 65 μ m Fiber length 10mm color code: violet pack of 5pc

DVB/C-WR/PDMS

Part #	CTC Part #	Description	Notes
227-35345-01	SFIB-DVB/C-WR-80/10-P1	Smart Fiber, SPME, DVB/C-WR/PDMS 1 pc, AOC-6000	Smart SPME fiber DVB/C-WR/PDMS (Divinylbenzene/Carbon Wide Range/Polydimethylsiloxane) Fiber thickness 50/30 μ m Fiber length 10mm color code: dark gray pack of 1pc
227-35345-03	SFIB-DVB/C-WR-80/10-P3	Smart Fiber, SPME, DVB/C-WR/PDMS 3 pc, AOC-6000	Smart SPME fiber DVB/C-WR/PDMS (Divinylbenzene/Carbon Wide Range/Polydimethylsiloxane) Fiber thickness 50/30 μ m Fiber length 10mm color code: dark gray pack of 3pc
227-35345-05	SFIB-DVB/C-WR-80/10-P5	Smart Fiber, SPME, DVB/C-WR/PDMS 5 pc, AOC-6000	Smart SPME fiber DVB/C-WR/PDMS (Divinylbenzene/Carbon Wide Range/Polydimethylsiloxane) Fiber thickness 50/30 μ m Fiber length 10mm color code: dark gray pack of 5pc

| Smart SPME Fibers

Carbon WR

Part #	CTC Part #	Description	Notes
227-35347-01	SFIB-C-WR-95/10-P1	Smart Fiber, SPME, Carbon WR 1 pc, AOC-6000	Smart SPME fiber C-WR/PDMS (Carbon Wide Range / Polydimethylsiloxane) Fiber thickness 95µm Fiber length 10mm color code: dark blue pack of 1pc
227-35347-03	SFIB-C-WR-95/10-P3	Smart Fiber, SPME, Carbon WR 3 pc, AOC-6000	Smart SPME fiber C-WR/PDMS (Carbon Wide Range / Polydimethylsiloxane) Fiber thickness 95µm Fiber length 10mm color code: dark blue pack of 3pc
227-35347-05	SFIB-C-WR-95/10-P5	Smart Fiber, SPME, Carbon WR 5 pc, AOC-6000	Smart SPME fiber C-WR/PDMS (Carbon Wide Range / Polydimethylsiloxane) Fiber thickness 95µm Fiber length 10mm color code: dark blue pack of 5pc

Acrylate

Part #	CTC Part #	Description	Notes
227-35348-01	SFIB-A-85/10-P1	Smart Fiber, SPME, Acrylate 1 pc, AOC-6000	Smart SPME fiberAcrylate (Polyacrylate) Fiber thickness 85µm Fiber length 10mm color code: grey, pack of 1pc
227-35348-03	SFIB-A-85/10-P3	Smart Fiber, SPME, Acrylate 3 pc, AOC-6000	Smart SPME fiberAcrylate (Polyacrylate) Fiber thickness 85µm Fiber length 10mm color code: grey, pack of 3pc
227-35348-05	SFIB-A-85/10-P5	Smart Fiber, SPME, Acrylate 5 pc, AOC-6000	Smart SPME fiberAcrylate (Polyacrylate) Fiber thickness 85µm Fiber length 10mm color code: grey, pack of 5pc

| Smart SPME Fiber Selection Kits

Part #	CTC Part #	Description	Notes
227-35350-01	SFIB-SEL5-S1-SHIM	Smart Fiber, SPME Selection5-Set1, AOC-6000	Collection of five different Smart SPME fibers with fiber length of 10mm and fiber thickness of: PDMS: 7µm, 30µm & 100µm Acrylate: 85µm Carbon WR: 95µm
227-35349-01	SFIB-SEL5-S2-SHIM	Smart Fiber, SPME Selection5-Set2, AOC-6000	Collection of five different Smart SPME fibers with fiber length of 10mm and fiber thickness of: PDMS: 100µm, DVB: 65µm Carbon WR: 95µm Acrylate: 85µm DVB/C-WR/PDMS: 80µm

Smart SPME Arrow Fibers

Acrylate

Part #	CTC Part #	Description	Notes
227-35330-01	SARR11-A-100/20-P1	Smart Fiber, SPME Arrow, Acrylate 1 pc, AOC-6000	Smart SPME Arrow 1.10mm: Acrylate (Polyacrylate) Phase thickness 100µm Phase length 20mm color code: grey, pack of 1 pc
227-35330-03	SARR11-A-100/20-P3	Smart Fiber, SPME Arrow, Acrylate 3 pc, AOC-6000	Smart SPME Arrow 1.10mm: Acrylate (Polyacrylate) Phase thickness 100µm Phase length 20mm color code: grey, pack of 3 pcs
227-35330-05	SARR11-A-100/20-P5	Smart Fiber, SPME Arrow, Acrylate 5 pc, AOC-6000	Smart SPME Arrow 1.10mm: Acrylate (Polyacrylate) Phase thickness 100µm Phase length 20mm color code: grey, pack of 5 pcs

Carbon WR/PDMS

Part #	CTC Part #	Description	Notes
227-35331-01	SARR11-C-WR-120/20-P1	Smart Fiber, SPME Arrow, Carbon WR/PDMS 1 pc, AOC-6000	Smart SPME Arrow 1.10mm: C-WR/PDMS (Carbon Wide Range / Polydimethylsiloxane) Phase thickness 120µm Phase length 20mm color code: light blue, pack of 1 pc
227-35331-03	SARR11-C-WR-120/20-P3	Smart Fiber, SPME Arrow, Carbon WR/PDMS 3 pc, AOC-6000	Smart SPME Arrow 1.10mm: C-WR/PDMS (Carbon Wide Range / Polydimethylsiloxane) Phase thickness 120µm Phase length 20mm color code: light blue, pack of 3 pc
227-35331-05	SARR11-C-WR-120/20-P5	Smart Fiber, SPME Arrow, Carbon WR/PDMS 5 pc, AOC-6000	Smart SPME Arrow 1.10mm: C-WR/PDMS (Carbon Wide Range / Polydimethylsiloxane) Phase thickness 120µm Phase length 20mm color code: light blue, pack of 3 pc
227-35335-01	SARR15-C-WR-120/20-P1	Smart Fiber, SPME Arrow 1.5mm, Carbon WR/PDMS 1 pc, AOC-6000	Smart SPME Arrow 1.50mm wide sleeve: C-WR/PDMS (Carbon Wide Range / Polydimethylsiloxane) Phase thickness 120µm Phase length 20mm color code: light blue, pack of 1 pc
227-35335-03	SARR15-C-WR-120/20-P3	Smart Fiber, SPME Arrow 1.5mm, Carbon WR/PDMS 3 pc, AOC-6000	Smart SPME Arrow 1.50mm wide sleeve: C-WR/PDMS (Carbon Wide Range / Polydimethylsiloxane) Phase thickness 120µm Phase length 20mm color code: light blue, pack of 3 pc
227-35335-05	SARR15-C-WR-120/20-P5	Smart Fiber, SPME Arrow 1.5mm, Carbon WR/PDMS 5 pc, AOC-6000	Smart SPME Arrow 1.50mm wide sleeve: C-WR/PDMS (Carbon Wide Range / Polydimethylsiloxane) Phase thickness 120µm Phase length 20mm color code: light blue, pack of 5 pc

DVB/PDMS

Part #	CTC Part #	Description	Notes
227-35332-01	SARR11-DVB-120/20-P1	Smart Fiber, SPME Arrow, DVB/PDMS 1 pc, AOC-6000	Smart SPME Arrow 1.10mm: DVB/PDMS (Divinylbenzene) Phase thickness 120µm Phase length 20mm color code: violett, pack of 1 pc
227-35332-03	SARR11-DVB-120/20-P3	Smart Fiber, SPME Arrow, DVB/PDMS 3 pc, AOC-6000	Smart SPME Arrow 1.10mm: DVB/PDMS (Divinylbenzene) Phase thickness 120µm Phase length 20mm color code: violett, pack of 3 pc
227-35332-05	SARR11-DVB-120/20-P5	Smart Fiber, SPME Arrow, DVB/PDMS 5 pc, AOC-6000	Smart SPME Arrow 1.10mm: DVB/PDMS (Divinylbenzene) Phase thickness 120µm Phase length 20mm color code: violett, pack of 5 pc
227-35337-01	SARR15-DVB-120/20-P1	Smart Fiber, SPME Arrow 1.5mm, DVB/PDMS 1 pc, AOC-6000	Smart SPME Arrow 1.50mm wide sleeve: DVB/PDMS (Divinylbenzene) Phase thickness 120µm Phase length 20mm color code: violett, pack of 1 pc
227-35337-03	SARR15-DVB-120/20-P3	Smart Fiber, SPME Arrow 1.5mm, DVB/PDMS 3 pc, AOC-6000	Smart SPME Arrow 1.50mm wide sleeve: DVB/PDMS (Divinylbenzene) Phase thickness 120µm Phase length 20mm color code: violett, pack of 3 pc
227-35337-05	SARR15-DVB-120/20-P5	Smart Fiber, SPME Arrow 1.5mm, DVB/PDMS 5 pc, AOC-6000	Smart SPME Arrow 1.50mm wide sleeve: DVB/PDMS (Divinylbenzene) Phase thickness 120µm Phase length 20mm color code: violett, pack of 5 pc

Smart SPME Arrow Fibers

DVB/Carbon WR/PDMS

Part #	CTC Part #	Description	Notes
227-35333-01	SARR11-DVB/ CWR120/20-P1	Smart Fiber SPME Arrow, DVB/Carbon WR/PDMS 1 pc, AOC-6000	Smart SPME Arrow 1.10mm: DVB/C-WR/PDMS (Divinylbenzene/Carbon Wide Range/Polydimethylsiloxane) Phase thickness 120µm Phase length 20mm color code: dark grey, pack of 1 pc
227-35333-03	SARR11-DVB/ CWR120/20-P3	Smart Fiber SPME Arrow, DVB/Carbon WR/PDMS 3 pc, AOC-6000	Smart SPME Arrow 1.10mm: DVB/C-WR/PDMS (Divinylbenzene/Carbon Wide Range/Polydimethylsiloxane) Phase thickness 120µm Phase length 20mm color code: dark grey, pack of 3 pc
227-35333-05	SARR11-DVB/ CWR120/20-P5	Smart Fiber SPME Arrow, DVB/Carbon WR/PDMS 5 pc, AOC-6000	Smart SPME Arrow 1.10mm: DVB/C-WR/PDMS (Divinylbenzene/Carbon Wide Range/Polydimethylsiloxane) Phase thickness 120µm Phase length 20mm color code: dark grey, pack of 5 pc
227-35336-01	SARR15-DVB/ CWR120/20-P1	Smart Fiber, SPME Arrow 1.5mm, DVB/Carbon WR/PDMS 1 pc, AOC-6000	Smart SPME Arrow 1.50mm wide sleeve: DVB/C-WR/PDMS (Divinylbenzene/Carbon Wide Range/Polydimethylsiloxane) Phase thickness 120µm Phase length 20mm color code: dark grey, pack of 1 pc
227-35336-03	SARR15-DVB/ CWR120/20-P3	Smart Fiber, SPME Arrow 1.5mm, DVB/Carbon WR/PDMS 3 pc, AOC-6000	Smart SPME Arrow 1.50mm wide sleeve: DVB/C-WR/PDMS (Divinylbenzene/Carbon Wide Range/Polydimethylsiloxane) Phase thickness 120µm Phase length 20mm color code: dark grey, pack of 3 pc
227-35336-05	SARR15-DVB/ CWR120/20-P5	Smart Fiber, SPME Arrow 1.5mm, DVB/Carbon WR/PDMS 5 pc, AOC-6000	Smart SPME Arrow 1.50mm wide sleeve: DVB/C-WR/PDMS (Divinylbenzene/Carbon Wide Range/Polydimethylsiloxane) Phase thickness 120µm Phase length 20mm color code: dark grey, pack of 5 pc

PDMS

Part #	CTC Part #	Description	Notes
227-35334-01	SARR11-P-100/20-P1	Smart Fiber, SPME Arrow, PDMS 1 pc, AOC-6000	Smart SPME Arrow 1.10mm: PDMS (Polydimethylsiloxane) Phase thickness 100µm Phase length 20mm color code: red, pack of 1 pc
227-35334-03	SARR11-P-100/20-P3	Smart Fiber, SPME Arrow, PDMS 3 pc, AOC-6000	Smart SPME Arrow 1.10mm: PDMS (Polydimethylsiloxane) Phase thickness 100µm Phase length 20mm color code: red, pack of 3 pc
227-35334-05	SARR11-P-100/20-P5	Smart Fiber, SPME Arrow, PDMS 3 pc, AOC-6000	Smart SPME Arrow 1.10mm: PDMS (Polydimethylsiloxane) Phase thickness 100µm Phase length 20mm color code: red, pack of 5 pc
227-35338-01	SARR15-P-100/20-P1	Smart Fiber, SPME Arrow 1.5mm, PDMS 1 pc, AOC-6000	Smart SPME Arrow 1.50mm wide sleeve: PDMS (Polydimethylsiloxane) Phase thickness 100µm Phase length 20mm color code: red, pack of 1 pc
227-35338-03	SARR15-P-100/20-P3	Smart Fiber, SPME Arrow 1.5mm, PDMS 3 pc, AOC-6000	Smart SPME Arrow 1.50mm wide sleeve: PDMS (Polydimethylsiloxane) Phase thickness 100µm Phase length 20mm color code: red, pack of 3 pc
227-35338-05	SARR15-P-100/20-P5	Smart Fiber, SPME Arrow 1.5mm, PDMS 5 pc, AOC-6000	Smart SPME Arrow 1.50mm wide sleeve: PDMS (Polydimethylsiloxane) Phase thickness 100µm Phase length 20mm color code: red, pack of 5 pc
227-35339-01	SARR15-P-250/20-P1	Smart Fiber, SPME Arrow 250µm, PDMS 1 pc, AOC-6000	Smart SPME Arrow 1.5mm: PDMS (Polydimethylsiloxane) Phase thickness 250µm Phase length 20mm color code: black, pack of 1 pc
227-35339-03	SARR15-P-250/20-P3	Smart Fiber, SPME Arrow 250µm, PDMS 3 pc, AOC-6000	Smart SPME Arrow 1.5mm: PDMS (Polydimethylsiloxane) Phase thickness 250µm Phase length 20mm color code: black, pack of 3 pc
227-35339-05	SARR15-P-250/20-P5	Smart Fiber, SPME Arrow 250µm, PDMS 5 pc, AOC-6000	Smart SPME Arrow 1.5mm: PDMS (Polydimethylsiloxane) Phase thickness 250µm Phase length 20mm color code: black, pack of 5 pc

Smart SPME Arrow Selection Kits

Part #	CTC Part #	Description	Notes
227-35340-01	SARR1115-SEL5-S1-SHIM	Smart Fiber, SPME Arrow Selection5-Set1, AOC-6000	Collection of five different Smart SPME Arrows with phase length of 20mm: 1 pc SPME Arrow 1.10mm Acrylate (Polyacrylate), Phase thickness 100µm 1 pc SPME Arrow 1.10mm C-WR/PDMS (Carbon Wide Range / Polydimethylsiloxane), Phase thickness 120µm 1 pc SPME Arrow 1.10mm DVB/PDMS (Divinylbenzene / Polydimethylsiloxane), Phase thickness 120µm 1 pc SPME Arrow 1.10mm PDMS (Polydimethylsiloxane) , Phase thickness 100µm 1 pc SPME Arrow 1.50mm PDMS (Polydimethylsiloxane) , Phase thickness 250µm
227-35341-01	SARR1115-SEL5-S2-SHIM	Smart Fiber, SPME Arrow Selection5-Set2, AOC-6000	Collection of five different Smart SPME Arrows with phase length of 20mm: 1 pc SPME Arrow 1.10mm Acrylate (Polyacrylate), Phase thickness 100µm 1 pc SPME Arrow 1.10mm Carbon WR/PDMS (Carbon Wide Range / Polydimethylsiloxane), Phase thickness 120µm 1 pc SPME Arrow 1.10mm DVB/PDMS (Divinylbenzene / Polydimethylsiloxan), Phase thickness 120µm 1 pc SPME Arrow 1.10mm PDMS (Polydimethylsiloxane), Phase thickness 100µm 1 pc SPME Arrow 1.10mm DVB/Carbon WR/PDMS (Divinylbenzene/ Carbon wide range Polydimethylsiloxane), Phase thickness 120µm

ITEX

Part #	CTC Part #	Description
227-35385-01	SITEX-1300-T	Product: Smart Syringe, 1300ul ITEX, AOC-6000
220-94769-30		ITEX TRAP, CARBOXEN 1000, 60/80 MESH [AOC-6000]
220-94769-33		ITEX TRAP, TENAX TA/CARBOXEN 1000 [AOC-6000]
220-94769-34		ITEX TRAP, CARBOPACK C/CARBOSIEVE SII [AOC-6000]
220-94769-31		ITEX TRAP, CARBOPACK C, 80/100 MESH [AOC-6000]
220-94769-32		ITEX TRAP, CARBOSIEVE SII, 60/80 MESH [AOC-6000]
220-94769-36		ITEX TRAP, TENAX GR, 80/100 MESH [AOC-6000]
220-94769-35		ITEX TRAP, TENAX GR/CARBOSIEVE SII [AOC-6000]
220-94769-37		ITEX TRAP, TENAX TA, 80/100 MESH [AOC-6000]

Liners

Part #	CTC Part #	Description
227-35327-03	ARRLIN13-GC2010-3	Product: SPME Arrow Liner ID 1.3mm, for SSL Injector of GC-2010*, 3 pcs
227-35328-03	ARRLIN17-GC2010-3	Product: SPME Arrow Liner ID 1.7mm, for SSL Injector of GC-2010*, 3 pcs

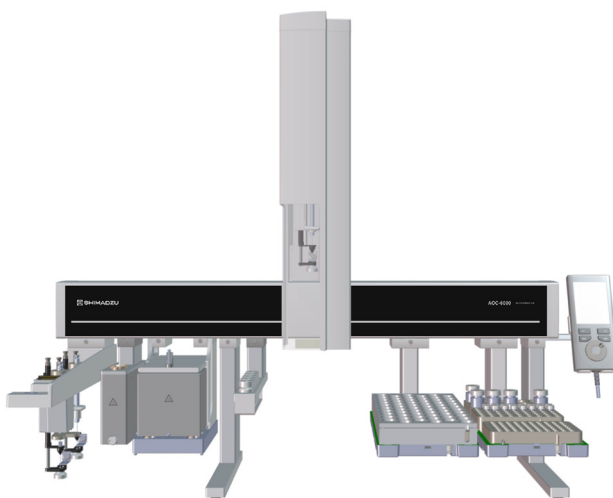
*Compatible with all NX models

Vials

Part #	Description	Notes
220-91498-00	1.5mL Vial set, clear glass with snap caps	9mm, 12 x 32mm vial, blue caps with PTFE/silicone non-slit septa. Compatible with insert 220-97331-62 or 220-97331-63. 100/pk
220-97331-30	1.5mL Vial set, clear glass with screw caps	9mm, 12 x 32mm vial, red caps with PTFE/silicone non-slit septa. Compatible with insert 220-97331-62 or 220-97331-63. 100/pk
220-97331-67	1.5mL Vial set, clear silanized glass with screw caps	9mm, 12 x 32mm vial, red caps with PTFE/silicone non-slit septa. Compatible with insert 220-97331-62 or 220-97331-63. 100/pk
220-97331-31	1.5mL Vial set, amber glass with screw caps	9mm, 12 x 32mm vial, red caps with PTFE/silicone non-slit septa. Compatible with insert 220-97331-62 or 220-97331-63.
220-97331-68	1.5mL Vial set, amber silanized glass with screw caps	9mm, 12 x 32mm vial, red caps with PTFE/silicone non-slit septa. Compatible with insert 220-97331-62 or 220-97331-63.
220-97331-62	200µL Insert	Clear glass with plastic spring for centering. Use with any 9mm, 12 x 32mm glass vial. Adjust needle stroke 3-4mm less than that for a flat-bottom vial. 100/pk
220-97331-63	200µL Silanized insert	Clear silanized glass with plastic spring for centering. Use with any 9mm, 12 x 32mm glass vial. Adjust needle stroke 3-4mm less than that for a flat-bottom vial. 100/pk
220-91521-03	Qsert vial set, clear glass with fused insert	12 x 32mm vial with 200µL fused insert, blue screw caps with PTFE/silicone non-slit septa. Adjust needle stroke 3-4mm less than that for a flat-bottom vial. 100/pk
REST-23096	Rinse/waste vial set with diffusion cap	4mL vials with specially designed cap insert to reduce solvent evaporation. Set of 12 in 6 colors for easy solvent ID.
220-94500-66	Wash station vial kit	Wash vials, caps, and septa for vials in the wash/waste station. 10/pl
220-97331-14	10mL Magnetic screw-cap clear headspace vial kit	Kit with clear round bottom vials, magnetic screw caps with PTFE/silicone septa. 100/pk
220-97331-16	20mL Magnetic screw-cap clear headspace vial kit	Kit with clear round bottom vials, magnetic screw caps with PTFE/silicone septa. 100/pk
220-97331-09	10mL Screw cap clear headspace vials	Screw cap top, vials only, round bottom. 100/pk
220-97331-10	20mL Screw cap clear headspace vials	Screw cap top, vials only, round bottom. 100/pk
220-97331-04	Magnetic screw caps for 10/20mL headspace vials	Magnetic caps with PTFE/silicone septa for 10 and 20mL screw cap vials. 100/pk
220-97331-52	10mL Al crimp-top headspace vial kit, round bottom	Kit with clear vials, aluminum caps with PTFE/silicone septa. 100/pk
220-97331-79	10mL Mag crimp-top headspace vial kit, round bottom	Kit with clear vials, magnetic caps with PTFE/silicone septa. 100/pk
220-97331-77	10mL Mag crimp-top headspace vial kit, flat bottom	Kit with clear vials, magnetic caps with PTFE/silicone septa. 100/pk
220-97331-53	20mL Al crimp-top headspace vial kit, round bottom	Kit with clear vials, aluminum caps with PTFE/silicone septa. 100/pk
220-97331-80	20mL Mag crimp-top headspace vial kit, round bottom	Kit with clear vials, magnetic caps with PTFE/silicone septa. 100/pk
220-97331-78	20mL Mag crimp-top headspace vial kit, flat bottom	Kit with clear vials, magnetic caps with PTFE/silicone septa. 100/pk
220-97331-50	10mL Crimp-top clear headspace vials	Crimp cap top, vials only, round bottom. 100/pk
220-97331-51	20mL Crimp-top clear headspace vials	Crimp cap top, vials only, round bottom. 100/pk
220-97331-06	Aluminum crimp cap for 10/20mL headspace vials	20mm aluminum caps with PTFE/silicone septa for 10 and 20mL crimp cap vials. 100/pk
220-97331-05	Magnetic crimp caps for 10/20mL headspace vials	20mm magnetic caps with PTFE/silicone septa for 10 and 20mL crimp cap vials. 100/pk
220-94564-00	Manual crimper for headspace vials	For 20mm aluminum or magnetic caps
220-94565-00	Manual decapper for headspace vials	For 20mm aluminum or magnetic caps

| AOC-6000 Sample Injection System

Part #	Description
225-31110-10	AOC-6000 SPME CONDITIONING STATION
220-94928-01	PAL3-AGITATOR
225-31110-30	LARGE WASH STATION FOR AOC-6000
225-31114-20	PAL3-TERMINAL
220-94928-02	PAL3-BARCODE READER
225-31113-12	MOUNTING KIT FOR AOC-6000, PAL3
225-31113-14	AOC-6000 Table Mounting Kit
220-94928-03	PAL3-DILUTOR SINGLE
220-94928-04	PAL3-DILUTOR MULTI
220-94928-05	PAL3-MHE MODULE
220-94928-06	PAL3-PARKSTATION RTC
220-94928-09	PAL3-SOLVENT MODULE
225-31111-06	AOC-6000 Agitator Inserts for 10mL vials
225-31111-07	AOC-6000 Agitator Inserts for 2mL vials
220-94928-27	PAL3-VORTEX MIXER
220-94928-28	PAL3-WASH FAST
220-94928-31	PAL3-WASH STD
220-94928-44	PAL3-COLUMN HOLDER
220-94928-46	PAL3-FOIL CUTTER
225-31114-13	AOC-6000 PM kit for GC



| Racks

Part #	Description
225-31111-31	PAL3-RACK R60
225-31111-35	PAL3-RACK VT54

| Trays

Part #	Description
220-94928-23	PAL3-TRAY HOLDER
220-94928-24	PAL3-TRAY PLATE

HS-10 and HS-20 Series Headspace Samplers



| Vial Kits Screw Neck

Part #	Description	Notes
220-97331-14	10ml Headspace vial w/ 18mm screw cap & silicone/PTFE septa, Kit, round bottom, 100/pk	Magnetic caps
220-97331-37	10ml Headspace vial w/ 18mm screw cap & silicone/PTFE septa, Kit, round bottom, 500/pk	Magnetic caps
220-97331-33	10ml Headspace vial w/ 18mm screw cap & silicone/PTFE septa, Kit, round bottom, 1000/pk	Magnetic caps
220-97331-16	20ml Headspace vial w/ 18mm screw cap & silicone/PTFE septa, Kit, round bottom, 100/pk	Magnetic caps
220-97331-39	20ml Headspace vial w/ 18mm screw cap & silicone/PTFE septa, Kit, round bottom, 500/pk	Magnetic caps
220-97331-35	20ml Headspace vial w/ 18mm screw cap & silicone/PTFE septa, Kit, round bottom, 1000/pk	Magnetic caps

| Vial Kits Crimp Neck

Part #	Description	Notes
220-97331-52	10mL Headspace vial w/ 20mm crimp cap & silicone/PTFE septa, Kit, round bottom, 100/pk	Non-magnetic caps, not compatible with AOC-6000/5000
220-97331-55	10mL Headspace vial w/ 20mm crimp cap & silicone/PTFE septa, Kit, round bottom, 500/pk	Non-magnetic caps, not compatible with AOC-6000/5000
220-97331-54	10mL Headspace vial w/ 20mm crimp cap & silicone/PTFE septa, Kit, round bottom, 1000/pk	Non-magnetic caps, not compatible with AOC-6000/5000
220-97331-53	20mL Headspace vial w/ 20mm crimp cap & silicone/PTFE septa, Kit, round bottom, 100/pk	Non-magnetic caps, not compatible with AOC-6000/5000
220-97331-57	20mL Headspace vial w/ 20mm crimp cap & silicone/PTFE septa, Kit, round bottom, 500/pk	Non-magnetic caps, not compatible with AOC-6000/5000
220-97331-56	20mL Headspace vial w/ 20mm crimp cap & silicone/PTFE septa, Kit, round bottom, 1000/pk	Non-magnetic caps, not compatible with AOC-6000/5000
220-97331-79	10mL Headspace vial w/ 20mm crimp cap & silicone/PTFE septa, Kit, round bottom, 100/pk	Magnetic caps
220-97331-80	20mL Headspace vial w/ 20mm crimp cap & silicone/PTFE septa, Kit, round bottom, 100/pk	Magnetic caps
220-97331-81	10mL Headspace vial w/ 20mm crimp cap & butyl/PTFE septa, Kit, round bottom, 100/pk	Magnetic caps
220-97331-82	20mL Headspace vial w/ 20mm crimp cap & butyl/PTFE septa, Kit, round bottom, 100/pk	Magnetic caps

| Vials

Part #	Description	Notes
220-97331-09	10mL Headspace vial only, screw cap style, 100/pk	Vials only, clear glass, round bottom
220-97331-10	20mL Headspace vial only , screw cap style, 100/pk	Vials only, clear glass, round bottom
220-97331-50	10mL Headspace vial only, crimp cap style, 100/pk	Vials only, clear glass, round bottom
220-97331-51	20mL Headspace vial only, crimp cap style, 100/pk	Vials only, clear glass, round bottom
220-94855-10	20mL headspace vial only, crimp cap style, with write-on patch and fill lines, 100/pk	Vials only, clear glass, beveled top and round bottom; use with stopper style septa 220-94855-20

| Caps and Septa Set (No Vials)

Part #	Description	Notes
220-97331-04	18mm Magnetic Universal Screw Cap, Silicone/PTFE septa, 100/pk	Magnetic caps
220-97331-05	20mm Magnetic Bimetallic Crimp Cap, Silicone/PTFE septa, 100/pk	Magnetic caps
220-97331-06	20mm Aluminum Crimp Cap, Silicone/PTFE septa, 100/pk	Non-magnetic caps, not compatible with AOC-6000/5000
220-94906-31	20mm Aluminum Crimp Cap, Butyl/PTFE septa, 100/pk	Non-magnetic caps, not compatible with AOC-6000/5000

| Caps Only (No Septa)

Part #	Description	Notes
220-94855-30	Aluminum crimp caps, 100/pk	Non-magnetic caps, not compatible with AOC-6000/5000; caps only, septa not included
220-94906-33	Heat-resistant crimp caps, 1000/pk	300C max; caps only, septa not included; Non-magnetic caps, not compatible with AOC-6000/5000

| Septa Only (No Caps)

Part #	Description	Notes
220-94906-32	Heat-resistant septa for headspace vials	Septa only, 300C max, 250/pk; caps not included
220-94855-20	20mm grey butyl rubber septa (stopper style)	Septa only, caps not included

| Replacement Needles

Part #	Description	Notes
225-11238-41	Deactivated needle, HS-20	
221-76863-01	Deactivated needle, HS-10	

| HS-20 Traps

Part #	Description	Notes
225-23328-41	Trap tube, Tenax TA, for HS-20 and TD-30	
225-23328-42	Trap tube, Carboxen, for HS-20 and TD-30	
223-54144-92	Trap tube, Carboxen, for HS-20 and TD-30	
223-54423-91	Graphite Ferrule, 1/8-in, for connecting TRAP tube (2pc)	

| Liner and Septa for HS-10

Part #	Description	Notes
221-76863-73	Inlet liner for HS-10, 5/pk	Straight-through glass liner without wool, 1.2mm ID to minimize peak broadening
221-76863-96	Septum, perforated, HS-10	

| Tools and Accessories

Part #	Description	Notes
220-94906-40	HS-10/20 vial crimping tool	For manual crimping of 10 or 20mL headspace vials
220-94906-41	HS-10/20 vial decapping tool	For manual decapping of 10 or 20mL headspace vials
220-94906-42	HS-10/HS-20 vial rack for 10 or 20mL headspace vials, single rack	25 vial capacity, Acrylic
REST-22643	Vial Rack for 10 or 20ml headspace vials, single rack	36 Vial Capacity, Polypropylene
REST-22644	Vial Rack for 10 or 20ml headspace vials, 5/pk	180 Vial Capacity, Polypropylene
221-76863-68	HS-10 Earthquake-Resistant Kit	Brackets for fixing HS-10 to bench to prevent it from falling down due to intense shaking such as in the event of an earthquake.

| Nuts and Ferrules for HS-20 Column Connection

Part #	Description	Notes
670-11009-00	Nut, 1/16-in, 5/pk	For connecting the column to HS-20 and TD-30 (not for HS-10)
220-90418-14	Graphite Vespel ferrule for 0.25 mm column, 10/pk	For connecting the column to HS-20 and TD-30 (not for HS-10)
220-90418-15	Graphite Vespel ferrule for 0.32 mm column, 10/pk	For connecting the column to HS-20 and TD-30 (not for HS-10)
220-90418-18	Graphite Vespel ferrule for 0.53 mm column, 10/pk	For connecting the column to HS-20 and TD-30 (not for HS-10)
220-90418-44	Graphite Vespel ferrule, 2-hole, 2 X 0.4mm ID, 10/PK	For dual 0.25mm column; For connecting the column to HS-20 (not for HS-10)
220-90418-55	Graphite Vespel ferrule, 2-hole, 2 X 0.5mm ID, 5/PK	For dual 0.32mm column; For connecting the column to HS-20 (not for HS-10)

| Nuts and Ferrules for HS-10 Column Connection

Part #	Description	Notes
221-32705-00	Column nut for Split/splitless injector, ea	Slotted nut for column connection on injection port and detector side for GC
220-90765-00	Ferrule, 0.4mm, 10/pk	Graphite ferrules, for 0.25mm columns
221-32126-05	Ferrule, 0.5mm, 10/pk	Graphite ferrules, for 0.25mm-0.32mm columns
221-32126-08	Ferrule, 0.8mm, 10/pk	Graphite ferrules, for 0.53mm columns

| Connection Cables

Part #	Description	Notes
220-97301-04	USB Cable, A to B, 6ft.	For communication of instrument with PC
225-31264-91	GC-Ready Cable for AOC-20i & HS-10	For simultaneous connection of AOC-20i and HS-10 to GC-2014 and GC-2010; not needed for GC-2030
225-23415-91	GC-Ready Cable for AOC-20i & HS-20	For simultaneous connection of AOC-20i and HS-20 to GC-2014 and GC-2010; not needed for GC-2030

TD-30 Series Thermal Desorption Sampler



| Tubes, O-rings and Caps

Part #	Description	Notes
223-57104-41	Start up Kit, TD-30	Contains 10 Tenax tubes, 20 caps with O-rings, 5 Kalrez O-rings & 10 PTFE O-rings
223-57119-00	Glass tube, empty, ea	Caps not included
223-57102-91	Glass tube, TENAX TA with wool, ea	Caps not included
223-54617-41	Caps for tubes, TD-30, 20/pk	Aluminum, with O-ring
223-57166-91	O-ring for seal block and caps, PTFE coated, 20/pk	For use at room temperature
036-15680-09	Kalrez O-ring for the joint, ea	Heat-resistant

TD-30 Traps

- See HS section: HS-20 Trap

Nuts and Ferrules for TD-30 Column Connection

- See HS section: Nuts and ferrules for HS-20 column connection



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