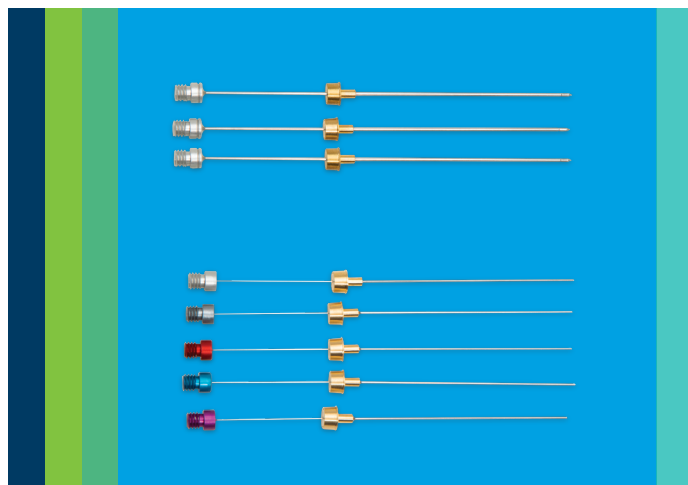


Complete Your Headspace Workflow

with Solid Phase MicroExtraction
(SPME) consumables



SPME is most often used in food and environmental testing laboratories that require head space analysis. Now, Agilent offers a full SPME portfolio to support your head space analysis workflow. From gas chromatography systems, to SPME consumables, to GC columns and supplies, to CrossLab services and support—Agilent is your single go-to provider for every step in your headspace analysis.

Agilent
CrossLab
From Insight to Outcome

Agilent offers SPME products for both manual and automated workflows.



Manual workflow

The Agilent SPME manual injection kit includes everything needed to start using SPME, except for the SPME fibers. The manual holder utilizes the same SPME fiber as the automated injection system, meaning no more springs. The manual holder will also hold SPME arrows, but hardware modifications are needed to use SPME arrows.



Automated workflow

Agilent SPME fibers and arrows will work directly with Agilent GC instrumentation with the SPME rail for more a more efficient workflow.

Ordering information

SPME fibers

Part No.	Description	Gauge	Fiber coating mm	Unit
5191-5870	PDMS - green	23	7	3/pk
5191-5871	PDMS - gold	23	30	3/pk
5191-5872	PDMS - red	23	100	3/pk
5191-5873	DVB/PDMS - violet	23	65	3/pk
5191-5874	DVB/C-WR/PDMS - dark grey	23	80	3/pk
5191-5875	C-WR/PDMS - dark blue	23	95	3/pk
5191-5876	Polyacrylate - grey	23	85	3/pk
5191-5877	Manual injection kit for SPME fiber and SPME arrow	NA	NA	1/pk
5191-5878	Set 1: 5191-5872, 5191-5873, 5191-5874, 5191-5875, 5191-5876	23		5/pk
5191-5879	Set 1: 5191-5870, 5191-5871, 5191-5872, 5191-5873, 5191-5874	23		5/pk

SPME arrows

Part No.	Description	Diameter mm	Fiber coating mm	Unit
5191-5858	Polyacrylate, grey	1.1	100	3/pk
5191-5859	C-WR/PDMS- light blue	1.1	120	3/pk
5191-5860	DVB/PDMS- violet	1.1	120	3/pk
5191-5861	DVB/C-WR/PDMS- dark gray	1.1	120	3/pk
5191-5862	PDMS- red	1.1	100	3/pk
5191-5863	C-WR/PDMS- light blue	1.5	120	3/pk
5191-5864	DVB/C-WR/PDMS- dark gray	1.5	120	3/pk
5191-5865	DVB/PDMS- violet	1.5	120	3/pk
5191-5866	PDMS- red	1.5	100	3/pk
5191-5867	PDMS- black	1.5	250	3/pk
5191-5868	Set 1: 5191-5862, 5191-5863, 5191-5864, 5191-5865, 5191-5866			5/pk
5191-5869	Set 2: 5191-5858, 5191-5859, 5191-5860, 5191-5861, 5191-5862			5/pk

Agilent offers additional supplies to complete your headspace workflow. See the tables below for some of the most common parts so you can keep supplies on hand for when you need them.

Part No.	Description
HS caps & vials	
5191-5630	Headspace magnetic crimp cap SPME, PTFE/Si, micro center, 20 mm, 100/pk
5183-4474	Vial, crimp top, headspace, clear, round bottom, certified, 20 mL, 23 x 75 mm, 100/pk. Vial size: 22.75 x 75 mm (20 mm cap)
5182-0837	Vial, headspace, certified, crimp, clear, flat bottom, 20 mL, 100/pk. Vial size: 22.75 x 75 mm (20 mm cap)
5188-6537	Vial, screw top, headspace, amber, round bottom, 20 mL, 23 x 75 mm, 100/pk. Vial size: 22.75 x 75 mm (18 mm cap)
5188-2753	Vial, screw top, headspace, clear, 20 mL, 23 x 75 mm, 100/pk. Vial size: 22.75 x 75 mm (18 mm cap)
5188-2759	Caps/septa, screw, headspace, steel, high temperature septa, certified, 18 mm, 100/pk. Cap size: 18 mm
5190-2286	Vial, crimp top, headspace, amber, graduation marks and write-on spot, flat bottom, certified, 20 mL, 23 x 75 mm, 100/pk
5190-2239	Vial, crimp top, headspace, amber, round bottom, certified, 20 mL, 23 x 75 mm, 100/pk
5182-0837	Vial, crimp top, headspace, clear, flat bottom, 20 mL, 23 x 75 mm, 100/pk
8010-0420	Caps/septa, crimp, headspace, 20 mm, bimetal magnetic, PTFE/silicone septa, 100/pk. Cap size: 20 mm
5040-4669	Crimper, manual, for 20 mm caps
5190-3189	Crimper, electronic, with lithium battery, for 20 mm caps
5040-4671	Decapper, manual, for 20 mm caps
5190-3191	Decapper, electronic, with lithium battery, for 20 mm caps
GC injection parts/supplies	
G3452-60930	7890 Turn Top Assy Enlarged id - Inert (For use with arrow)
5183-4757	Inlet septa, bleed and temperature optimized (BTO), non-stick, 11 mm
5183-4759	Inlet septa, advanced green, non-stick, 11 mm
5190-6168	Inlet liner, ultra inert, split less, straight, 2 mm id (for both SPME fibers and arrows)
5190-4048	Inlet liner, ultra inert, split less, straight, 0.75 mm id, for SPME fibers only
5182-3442	Merlin microseal starter kit, general purpose (100 psi), includes nut and microseal
5182-3445	Merlin microseal 100 psi nut
5182-3444	Merlin microseal general purpose (100 psi) replacement microseal
GC column connections	
G3440-81011	Self tightening column nut, for Agilent inlet & detector fittings
G3440-81013	Self tightening column nut, for Agilent mass spec interface transfer line
5181-3323	Ferrule, 0.4 mm id, 15% graphite/85%Vespel, 0.1 to 0.25 mm column, 10/pk
G3188-27501	Flexible metal ferrule, ultriMetal plus, 0.4 mm id, for 0.1 to 0.25 mm id fused silica tubing, 10/pk
G2855-20530	Internal nut, CFT capillary fitting
G2855-60570	Plug for microfluidic manifold or unions
G2855-60200	Ferrule pre-swaging tool
G3180-60501	Purged two-way splitter
G3183-60501	Purged three-way splitter

www.agilent.com/chem/sampleprep

This information is subject to change without notice.

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