

Which Autosampler Vials are Compatible with SPME - FAQ

Date: 13-DECEMBER-2012 Last Updated: 27-OCTOBER-2025

The following two items are compatible with Solid Phase Micro-Extraction (SPME):

Catalog # [95020-45S-T](#): Magnetic Screw Cap for Headspace. Silver, 8mm Center Hole, Silicone Transparent Blue/PTFE White, 45 Shore A, 1.3mm Thick. Precision Threads. 100/PK.

Catalog # [95010-0CV](#): Vials, head space, 10ml, 46 x 22.5mm, screw top, clear borosilicate glass, round bottom. CTC Compliant. Precision threads 100/PK.

However, the following caps are especially suited for SPME work: Catalog # [95020-21S-T](#): Caps, magnetic screw, for Head Space. Silver 8mm center hole with a pre slit (star shape) white silicone rubber / red PTFE septa, 55 shore A, 1.5mm thick. 18mm precision threads. 100/PK.

Compatibility with specific manufacturers' autosampler instrumentation is as follows:

Agilent G1888A

Agilent/CTC Leap Combi Pal

CTC Combi Pal HS Mode

Gerstel/Varian MPS 2

CTC Combi Pal SPME Mode

Turbomax HS16

Turbomax HS40/40XI

Turbomax HS40/Trap

Turbomax HS110 HS110/Trap

Shimadzu AOC 5000 HS

Shimadzu AOC 5000 SPME

[Ordering information for Headspace Vials and Caps](#)

Printed from the Chrom Resource Center

Copyright 2025, All Rights Apply

MicroSolv Technology Corporation

9158 Industrial Blvd. NE, Leland, NC 28451

Tel: (732) 380-8900

Fax: (910) 769-9435

Email: customers@mtc-usa.com

Website: www.mtc-usa.com