

Autosampler compatibility chart

Certain autosamplers require the purchase of optional vial trays and, in few cases, programming upgrades to use all of the vials listed.

Below are categories of vials that are compatible with various models of autosamplers.

Autosampler compatibility		8 mm Crimp Top vials	8 mm Crimp Top vials and 1 mL Shell vials	8 mm Crimp Top vials	8-425 Standard Opening Screw Thread vials and 2 mL Shell vials	9 mm Wide Opening Screw Thread vials	10 mm Wide Opening Screw Thread vials	11 mm Wide Opening Crimp Top and Snap-It vials	13-425 Screw Thread vials and 4 mL Shell vials	20 mm Headspace Crimp vials	20 mm Headspace Crimp vials	20 mm Headspace Crimp and 18 mm Screw Thread vials	24-400 Screw vials (EPA)	Well Plates
		7 mm OD	8 mm OD	6 mm OD	12 mm OD	12 mm OD	12 mm OD	12 mm OD	15 mm OD	22 mm OD	23mm OD	22.5-23 mm OD	28 mm OD	-
Manufacturer	Model													
Agilent	1100 / 1200 / 1290 Infinity					X		X						X
Agilent	1260 Infinity					X		X						
Agilent	G1888A / HS7694 / HS7694								X			X		
Agilent	7673A			X		X		X						
Agilent	7683A	X		X		X		X						
Agilent	7695A / Tekmar SOLATek72 / Archon Pluge + Trap / AQUATek 70												X	
Agilent	79855(A) / 5880 / 5890 / 6850 (27 Pos. Tray) / 6890					X		X						
Agilent	CTC HTS + HTC PAL + CTC GC PAL	X		X		X		X						X
Agilent	CTC Combi PAL											X		X
Agilent	7693A		X		X			X	X					
Agilent	7697A											X		
Agilent	7650A				X	X	X	X						
Analytik Jena	multi N/C 3000 (TOC)												X	
Antec Leyden	Alexys				X	X		X						
Antec Leyden	AS 100 / AS 110				X	X	X	X						
Antek	736 Unisampler / 738				X	X	X	X						
GL Sciences/ATAS	Focus (PAL)				X	X		X						
Beckman	501 / 502 / 502e / 507 / 507e			X	X	X	X	X						
Beckman	504 / Triathlon, Micro-Tray	X												
Beckman	508 (System Gold)					X						X		
Beckman	Marathon / Promis				X	X		X						
Beckman	Triathlon, Standard Tray				X	X		X		X		X		
Beckman	Triathlon, LSV Tray			X					X					
Beckman	Triathlon, Super-LSV Tray											X		
Bruker	LC51								X					
Bruker	Mapi1													X
Ellutia/Cambridge Scientific Instruments	205 Series				X	X	X	X	X					
Ellutia/Cambridge Scientific Instruments	300 Series / EL280T					X	X	X	X					
Ellutia/Cambridge Scientific Instruments	EL2000H									X	X	X		
Ellutia/Cambridge Scientific Instruments	EL3000A / EL3100A / EL3200A / 500 Series				X	X	X	X	X					
CE Instruments/Cora Erba	AS100 / AS300	X		X	X	X		X						
CE Instruments/Cora Erba	AS200 / A200LC / AS200S	X			X	X		X						
CE Instruments/Cora Erba	AS800, 42 vial tray				X	X		X						
CE Instruments/Cora Erba	AS800, 60 vial tray		X	X	X	X		X						
CE Instruments/Cora Erba	HS250 / HS500 / HS800 / HS850											X		
CE Instruments/Cora Erba	HT3000A / HT4000L / HT1500L				X	X	X	X	X					
CE Instruments/Cora Erba	HT2000H									X	X	X		
Cecil Instruments	CE4800				X	X	X	X						
Cecil Instruments	AutoQuest		X				X	X	X					
CTC (LEAP)	LC PAL (216 Pos.)				X	X	X	X				X		X
CTC (LEAP)	HTX PAL, HTC PAL, HTS PAL (200 Pos. Tray) / Combi PAL (200 Pos. Tray), GC PAL (200 Pos. Tray)	X												X

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		7 mm OD	8 mm OD	6 mm OD	12 mm OD	12 mm OD	12 mm OD	12 mm OD	15 mm OD	22 mm OD	23mm OD	22.5-23 mm OD	28 mm OD	
PerkinElmer	Series 200, 25 vial tray									X				
PerkinElmer	Series 200, 85 vial tray						X	X		X				
PerkinElmer	Series 200, 81 / 100 vial tray						X	X						
PerkinElmer	Series 200, 205 vial tray / ISS-225, 205 vial tray			X			X	X						
PerkinElmer	Series 200, 225 vial tray			X										
PerkinElmer	AI-1 / AS-100 / AS-100B		X	X				X						
PerkinElmer	AS2000 / AS2000B	X	X				X	X						
PerkinElmer	AS-300 / AS8300 / Autosystem		X	X				X						
PerkinElmer	HS 6 / ISS-225, 25 vial tray									X				
PerkinElmer	HS40 / HS100/101									X	X			
PerkinElmer	TurboMatrix HS16 / HS40 / HS40 XL / HS40 Trap / HS110 / HS110 Trap									X*	X	X**		
PerkinElmer	Integral 4000 / ISS-100, 100 vial tray / ISS-200, 100 vial tray / ISS-225, 100 vial tray + 80 vial tray / LC 600, 60 vial tray						X	X						
PerkinElmer	ISS-100, 85 vial tray / ISS-200, 85 vial tray / ISS-225, 100 vial tray + 80 vial tray						X	X		X				
PerkinElmer	ISS-200, 145 vial tray			X										
PerkinElmer	LC 600, 42 vial tray		X											
PerkinElmer	Clarus 400, 500, 600/590 GC, 690 GC							X						
PerkinElmer	Flexar FX-20 UHPLC; LC				X	X	X	X						
Pharmacia	LKB 2157-010, 2 mL, 11 mm Crimp-Top				X	X		X						
Pharmacia	Akta A-900, 1.5 mL				X			X						
Pharmacia	LKB 2157-020	X						X						
Polymer Laboratories	GPC 110 / 210 / PL-AS RT				X	X	X	X	X					
Quma Elektronik	QHSS-40											X		
Selerity	3100				X			X						
Sedere	-					X		X						
Sepiatec	-													X
SGE	LS-3200	X		X				X						
Shimadzu	AOC-5000	X		X		X		X				X		
Shimadzu	AOC-14 / 1400 / AOC-17 / AOC-20 / 20i / 20s 150 Pos. Tray				X	X	X	X	X			X		
Shimadzu	AOC-20 / 20i / 20s 96 Pos. Tray / SIL-10A / SIL-10AF / SIL-10AP / SIL-10Ai / SIL-10AxL / Rack L 80 Pos. / SIL-10HTA / SIL-10HTC 100 Pos. Tray / SIL-20A / Sil-20AC (Prominence) 50 vial tray, LC2010C / LC2010A 100 Pos. Tray								X					
Shimadzu	LC-20A / SIL-6B / SIL-7A / SIL-8A / SIL-9A / X2 UHPLC System (Nexera) 324 - 1.5 mL vials / SIL-30ACMP / Nexera MP (6 - 1.5 vial trays)				X	X	X	X	X					
Shimadzu	SIL-2AS / SIL-6A			X	X	X	X	X	X					
Shimadzu	SIL-10A / SIL-10AF / SIL-10AP / SIL-10Ai / SIL-10AxL / Rack S 100 Pos. / SIL-20A (Prominence) 105 vial tray / SIL-20AC (Prominence) 70 vial tray			X	X	X	X	X						
Shimadzu	SIL-10A / SIL-10AF / SIL-10AP / SIL-10Ai 5 mL / SIL-10AxL / Rack MTP2 192 Pos. / SIL-10HTA / SIL-10HTC 350 Pos. Tray / SIL-20A / Sil-20AC (Prominence) 175 vial tray / LC2010C + LC2010A 350 Pos. Tray		X											
Shimadzu	SIL-10HTA / SIL-10HTC 140 Pos. Tray / LC2010C + LC2010A 140 Pos. Tray				X	X	X	X						
Shimadzu	SIL-10ADvp		X		X	X	X	X	X					
Shimadzu	HTA 200 H / HSS-2B											X		
Shimadzu	LC2010C + LC2010A 100 Pos. Tray								X					
Shimadzu	ASI-V												X	
Shimadzu	SIL 30-ACMP				X	X		X						
Shimadzu	SIL-20AXR / SIL-20ACXR (Prominence) 175 (1 mL vials), 70 (1.5 mL vials), 50 (4 mL vials) / SIL-30AC (Nexera) 175 (1 mL vials), 105 (1.5 mL vials), 50 (4 mL vials)		X		X	X		X	X					
Shimadzu	SIL-20ACHT, SIL-20AHT	X	X	X	X	X	X	X	X					X
Sievers (GE Instruments)	Sievers 900												X	

X* (not suitable for Turbomatrix 110)

X** (for Turbomatrix 16, 40, 110 produced after 1.9.06)

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Manufacturer	Model	7 mm OD	8 mm OD	6 mm OD	12 mm OD	12 mm OD	12 mm OD	12 mm OD	15 mm OD	22 mm OD	23mm OD	22.5-23 mm OD	28 mm OD	-
Spark	Marathon Basic, Standard 96 Pos. Tray / Triathlon, Standard 96 Tray / Endurance 48 Pos. Tray / Dried Blood Spot (DBS) / Integrity / Optimas / Promis				X	X		X						
Spark	Marathon Basic Präp King Size 48 Pos. Tray									X				
Spark	Midas, Standard 84 Pos. Tray / Optimas 96 Pos. (2 mL) 24 Pos. (10 mL) / Alias				X	X		X				X		
Spark	Midas, Large Capacity 96 Pos. Tray				X	X		X						
Spark	Midas, Large Volume 24 Pos. Tray / Triathlon, Super-LSV 32 Pos. Tray											X		
Spark	Alias				X	X		X			X			
Spark	SPH 125 / Interyty					X		X						
Spark	Triathlon, LSV 72 Pos. Tray								X					
Spark	Triathlon, Micro 160 Pos. Tray	X												
Spark	Reliance 48 Pos. Tray / Integrity 108 Pos. (2 mL) 2 x plates, IntegrityPlus 2x108 Pos. (2 mL) 4 x plates				X	X		X						X
Spark	Prospekt 2							X						
Spark	Reliance / Symbiosis Pharma							X						X
Spectra-Physics	8875 / 8880				X	X		X						
Spectra-Physics	SpectraSYSTEM AS1000 / SpectraSYSTEM AS 3500	X		X	X	X		X						
Spectra-Physics	SpectraSYSTEM AS 3000	X	X	X	X	X		X						
Sykam	S 5200 / S 5300 / S 5250					X								
Talbot						X		X						
Teledyne Tekmar	7000 / 7000HT / 7050 / ASTM F1884-04										X			
Teledyne Tekmar	AQUATEk 70 / SOLATEk 72 / STS 8000 TOC												X	
Teledyne Tekmar	HT3										X	X		
Thermo Fisher Scientific	Thermo Scientific™ Nicolet™ ASI 100, Micro-Tray (192 Pos.)		X											
Thermo Fisher Scientific	Thermo Scientific™ Nicolet™ 100, Analytical-Tray (117 Pos.)				X	X		X						
Thermo Fisher Scientific	Thermo Scientific™ Nicolet™ ASI 100, Semiprep.-Tray (63 Pos.)								X					
Thermo Fisher Scientific	Thermo Scientific™ Famos™ (LC Packings/ Dionex) / Dionex™ UltiMate™ Analytical, cylindrical, WPS-3000 SL, 120 Pos. Rack (2 mL)				X	X	X	X				X		
Thermo Fisher Scientific	UltiMate Analytical, conical, WPS-3000 SL, 120 (3 x 40) Pos. Rack (1.1 mL = 2 mL w. inserts)							X				X		
Thermo Fisher Scientific	Thermo Scientific™ UltiMate™ Micro, conical, WPS-3000 SL, 120 (3 x 40) Pos. Rack (250 µl)			X								X		
Thermo Fisher Scientific	Thermo Scientific™ UltiMate™ Semipreparative, WPS-3000 SL, 66 (3 x 22) Pos. Rack (4 mL)								X			X		
Thermo Fisher Scientific	Thermo Scientific™ UltiMate™ Nano / Cap / Micro, WPS-3000 SL, 216 (3 x 72) Pos. Rack (1.2 mL)		X									X		
Thermo Fisher Scientific	AS-HV													
Thermo Fisher Scientific	AS-AP* (120 Pos. 1.5 mL), (3 x plates)				X	X	X	X						X
Thermo Fisher Scientific	AS-DV (50 x 0.5 mL and 50 x 5.0 mL)													
Thermo Fisher Scientific	AS1000 (Thermo Scientific™ Trace™ GC) / AS300	X		X	X	X		X						
Thermo Fisher Scientific	AS200	X			X	X		X						
Thermo Fisher Scientific	AS2000 30 vial tray / HS250 / HS500/ HS800 / HS2000											X		
Thermo Fisher Scientific	AS2000 90 vial tray (Trace GC)		X		X	X		X						
Thermo Fisher Scientific	AI3000 (II) / AS3000 (II) AS3500 (Trace GC + Focus GC)	X		X		X		X				X		
Thermo Fisher Scientific	A200LC / Thermo Scientific™ Accela™ Open Autosampler	X			X	X		X						
Thermo Fisher Scientific	Thermo Scientific™ SpectraSYSTEM™ AS 1000/ AS 3500 / AS100 / Accela™ High Speed LC Autosampler (200 Pos.)	X		X	X	X		X						
Thermo Fisher Scientific	Thermo Scientific™ SpectraSYSTEM AS 3000	X	X	X	X	X		X						
Thermo Fisher Scientific	A200S	X			X	X		X						
Thermo Fisher Scientific	AS800, 42 vial tray				X	X		X						
Thermo Fisher Scientific	AS800, 60 vial tray		X	X	X	X		X						
Thermo Fisher Scientific	Thermo Scientific™ Dionex™ AS-AP				X	X	X	X		X				

* Split septa are required

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Thermo Fisher Scientific	Thermo Scientific™ Dionex™ UltiMate WPS-3000	X	X		X	X	X	X	X	X				
Thermo Fisher Scientific	Thermo Scientific™ Dionex™ AS 40								X					
Thermo Fisher Scientific	Thermo Scientific™ TriPlus™ (=GC PAL) (AS+Duo)	X	X	X	X	X		X				X		X
Thermo Fisher Scientific	Thermo Scientific™ TriPlus™ HS / SPME											X		
Thermo Fisher Scientific	Thermo Scientific™ TriPlus™ RSH / Surveyor (Surveyor Plus)	X		X	X	X		X				X		X
Thermo Fisher Scientific	Thermo Scientific™ TriPlus™ 300											X		
Thermo Fisher Scientific	HiPerTOC												X	
Thermo Fisher Scientific	Thermo Scientific™ Trace™ 1300 Series / Trace™ 1310 Series / AI/AS 1310 Series / TriPlus™ 100 LS				X	X	X	X		X	X	X		
Thermo Fisher Scientific	Thermo Scientific™ Vanquish™ Split / Vanquish™ Dual Split			X	X	X		X	X					X
Thermo Fisher Scientific	Thermo Scientific™ UltiMate™ WPS-3000RS / TRS / UltiMate™ WPS-3000TFC / TBFC / UltiMate™ OAS-3000TXRS / UltiMate™ WPS-3000TXRS / UltiMate™ WPS-3000TBRS			X	X	X	X	X						X
Tosoh	AS 8010 / TSK-6080					X		X						
Tracor	770 / 771 / 772				X	X		X						
Unicam	4247 / 4710				X	X		X						
Unicam	4700 (GC) / S4 / S8	X												
Unicam	4700 (LC)	X			X	X								
Unicam	LC-XP				X	X		X	X					
Varian	ProStar 400, Standard 96 Pos. Tray / ProStar 410, Large Capacity 96 Pos. Tray / ProStar 420, Standard 96 Pos. Tray				X	X	X	X						
Varian	ProStar 400, King Size 48 Pos. Tray / Marathon Basic, Prep, King Size 48 Pos. Tray									X				
Varian	ProStar 410, Standard 84 Pos. Tray				X	X	X	X				X		
Varian	ProStar 410, Large Volume 24 Pos. Tray / CP-9020 / CP-9025 / CP-9060 / Genesis / COMBI PAL (32 Pos. Tray) GC PAL (32 Pos. Tray) / COMBI PAL SPME mode (32 Pos. Tray)											X		
Varian	ProStar 420, LSV 72 Pos. Tray			X					X					
Varian	ProStar 420, Super-LSV 32 Pos. Tray									X		X		
Varian	ProStar 420, Micro 160 Pos. Tray	X												
Varian	ProStar 430, 48 Pos. Tray/8000/8100/CP-910, 911, 912				X	X		X						
Varian	8035 / Marathon Basic, Standard 96 Pos. Tray / Vista				X	X								
Varian	8400 (100 Pos.) / 8410-Autoinjector (10 x 2 mL; 6 x 5 mL; 5 x 10 mL)				X	X		X						
Varian	8200				X	X	X	X						
Varian	LC 9100 / LC 9095 / LC 9090					X		X						
Varian	Archon												X	
Varian	COMBI PAL (200 Pos. Tray) GC PAL (200 pos. Tray)	X										X		X
Varian	COMBI PAL (98 Pos. Tray) GC PAL (98 Pos. Tray)			X		X		X				X		X
Varian	COMBI PAL SPME mode (98 Pos. Tray)					X		X				X		X
Varian	Marathon Basic, Standard 96 Pos. Tray / CP-9010				X	X		X						
Varian	920-LC / 940-LC				X									
Varian	CP-8410 / 8034 / 8035 / 8100 / 8200				X			X						
Viscotek	Vortex												X	
Viscotek	GPC Autosampler				X	X	X							
Viscotek	GPC max, 120 vials				X	X	X	X	X					
VWR (Merck) / Hitachi	Hitachi Chromaster				X	X		X	X					

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		7 mm OD	8 mm OD	6 mm OD	12 mm OD	12 mm OD	12 mm OD	12 mm OD	15 mm OD	22 mm OD	23 mm OD	22.5-23 mm OD	28 mm OD													
Manufacturer	Model																									
VWR (Merck) / Hitachi	HPLC-System Primaide				X	X	X	X	X																	
VWR (Merck) / Hitachi	L2200 (LaChrom Elite) / L2200-U (LaChrom Ultra) (200 Pos. Tray) / L7200 (LaChrom) (80 Pos. Tray) / L7250 (LaChrom) (120 Pos. Tray) / 655-A40 (108 Pos. Tray) / L-9100				X	X																				
VWR (Merck) / Hitachi	L2200 (LaChrom Elite) (128 Pos. Tray)									X																
VWR (Merck) / Hitachi	L7250 (LaChrom) (Rack Holder for combination Racks)			X	X	X				X										X						
VWR (Merck) / Hitachi	AS 2000 (50 Pos. Tray) / AS 4000 (150 Pos. Tray)				X	X			X																	
VWR (Merck) / Hitachi	AS 4000 (198 Pos. Tray)			X																						
VWR (Merck) / Hitachi	5210 (Chromaster) 195 Pos (1 mL), 120 Pos 1.5 mL (Standard), 72 Pos. (4 mL), 2 x MTP (96,384)		X		X	X			X	X													X			
VWR (Merck) / Hitachi	AS 6000			X	X	X																				
Waters	ACQUITY UPLC Systeme							X			X***															
Waters	Wisp 48 position										X															
Waters	Wisp 96 position / 717, 96 Position Carousel		X																							
Waters	717 plus	X	X	X	X	X	X	X	X	X																
Waters	717, 48 Position Carousel										X															
Waters	Alliance							X	X	X													X			
Waters	Alliance GPC 2000										X									X						
Waters	Alliance HT Syst. / Alliance 2790 / 2795 / Alliance 2690 / 2695							X	X	X																
Waters	Acquity Sample Organizer / Acquity / CapLC / Waters / Nano Acquity							X															X			
Waters	Acquity H-Class / Alliance HTS																						X			
Waters	Model 2767 / Model 2707 / Model 2777							X			X												X			

X*** (for 24 Position Plate)

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