









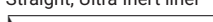


Agilent Inert Flow Path Solutions

Agilent's 7890B, 8890, and 8860 Inert Flow Path Split/ Splitless Inlet option ensures the inertness of flow path surfaces, allowing analytes to safely pass from injector to detector. For best trace level analysis, maintain your Inert Flow Path with Agilent Inert Flow Path components.

Agilent Ultra Inert liners and touchless packaging

High inertness, productivity, and reproducibility

Description	Volume (µL)	ID (mm)	1/pk	5/pk	25/pk	100/pk*
Splitless Inlet Liners						
Single taper, Ultra Inert liner 	900	4	5190-2292	5190-3162	5190-3166	5190-3170
Single taper, Ultra Inert liner with glass wool 	900	4	5190-2293	5190-3163	5190-3167	5190-3171
Double taper, Ultra Inert liner 	800	4	5190-3983	5190-4007		
Dimpled 	200	2	5190-2297	5190-4006		
Splitless, UI, fritted liner, low 	870	4	5190-5112	5190-5112-005	5190-5112-025	
Inlet liner, UI, splitless, straight 	250	2	5190-6168			
Split Inlet Liners						
Straight, Ultra Inert liner with glass wool 	990	4	5190-2294	5190-3164	5190-3168	5190-3172
Low pressure drop, Ultra Inert liner with glass wool 	870	4	5190-2295	5190-3165	5190-3169	5190-3173
Inlet liner, universal, UI, mid-frit 	870	4	5190-5105	5190-5105-005	5190-5105-025	
SPME, Headspace Injection						
Straight Ultra Inert liner for SPME 	35	0.75	5190-4048			
Straight, Ultra Inert liner 	65	1	5190-4047			



Each liner ships with a preinstalled, nonstick O-ring.

*The 100/pk is not in the touchless packaging. O-rings must be purchased separately.

Agilent Ultra Inert gold seals and washers

A smooth, leak-free surface for active analytes

Description	1/pk	10/pk	50/pk
Ultra Inert gold seal and washer	5190-6144	5190-6145	5190-6149



Agilent UltiMetal Plus and gold-plated Flexible Metal ferrules

No column breakage, no leaks, no activity

Description	Unit	Part No.
UltiMetal Plus Flexible Metal ferrule with 0.4 mm id For fused silica tubing 0.1-0.25 mm id	10/pk	G3188-27501
UltiMetal Plus Flexible Metal ferrule with 0.5 mm id For fused silica tubing 0.32 mm id	10/pk	G3188-27502
UltiMetal Plus Flexible Metal ferrule with 0.8 mm id For fused silica tubing 0.45-0.53 mm id	10/pk	G3188-27503
UltiMetal Plus Flexible Metal ferrule with no hole To plug capillary flow technology fittings	10/pk	G3188-27504
UltiMetal Plus Flexible Metal ferrule Use with 0.25 mm and 0.32 mm UltiMetal column tubing	10/pk	G3188-27505
UltiMetal Plus Flexible Metal ferrule Use with 0.53 mm UltiMetal column tubing	10/pk	G3188-27506
Gold-plated Flexible Metal ferrule with 0.4 mm id For fused silica tubing 0.1-0.25 mm id	10/pk	G2855-28501
Gold-plated Flexible Metal ferrule with 0.5 mm id For fused silica tubing 0.32 mm id	10/pk	G2855-28502
Gold-plated Flexible Metal ferrule with 0.8 mm id For fused silica tubing 0.45 - 0.53 mm id	10/pk	G2855-28503
Gold-plated Flexible Metal ferrule Use with 0.25 and 0.32 mm UltiMetal column tubing	10/pk	G2855-28505
Gold-plated Flexible Metal ferrule Use with 0.53 mm UltiMetal column tubing	10/pk	G2855-28506



Agilent Inert Flow Path upgrade kit

The components you need, all in one place

Description	Part No.
Complete Agilent Inert Flow Path upgrade kit	G3970A
Capillary inlet shell weldment assembly, UltiMetal Plus treated	G3452-60570
Insert weldment, UltiMetal Plus treated	G3452-60586
Ultra Inert gold seal	5190-6144
Ultra Inert single taper splitless liner with wool	5190-2293
UltiMetal ferrules for 0.25 mm id fused silica columns, 10/pk	G3188-27501
Self-Tightening column nut, inlet/detector nut	G3440-81011
Self-Tightening column nut, MSD	G3440-81013

Additional flow path supplies

Expand the capabilities of your inert flow path

Description	Part No.
Purged Ultimate Union assembly, inert	G3186-60581
3-way splitter with makeup gas, inert	G3183-60501
Ultimate Union kit, UltiMetal Plus deactivated	G3182-60581
Compact Deans switch manifold assembly, UltiMetal Plus treated	G2855-60501
Compact splitter with makeup gas, inert	G3180-60501



Four easy ways to create your inert flow path:

1. Request **Option 114** when you purchase either the Agilent 7890B GC or 8890 GC system.
2. Add an Inert Flow Path Split/Splitless Inlet to your 7890 with accessory **p/n G3453B**. For the 8890, order **p/n G3549A***.
3. Upgrade a 7890 Split/Splitless Inlet with inert components (**p/n G3970A**).
4. Purchase individual Inert Flow Path components separately, as needed.

*Contact your local Agilent representative for more information.

Agilent J&W Ultra Inert GC columns

Engineered for low bleed, high thermal stability, and excellent inertness

DB-1ms Ultra Inert

ID (mm)	Length (m)	Film (µm)	Temp Limits (°C)	Part No.
0.18	20	0.18	-60 to 325/350	121-0122UI
0.25	15	0.25	-60 to 325/350	122-0112UI
	30	0.25	-60 to 325/350	122-0132UI
	60	0.25	-60 to 325/350	122-0162UI
0.32	15	0.25	-60 to 325/350	123-0112UI
	30	0.25	-60 to 325/350	123-0132UI

HP-1ms Ultra Inert

ID (mm)	Length (m)	Film (µm)	Temp Limits (°C)	Part No.
0.18	20	0.18	-60 to 325/350	19091S-677UI
0.25	15	0.25	-60 to 325/350	19091S-931UI
		30	0.25	-60 to 325/350
	0.50	-60 to 325/350	19091S-633UI	
		1.00	-60 to 325/350	19091S-733UI
0.32	15	0.25	-60 to 325/350	19091S-911UI
	25	0.52	-60 to 325/350	19091S-612UI
	30	0.25	-60 to 325/350	19091S-913UI
		1.00	-60 to 325/350	19091S-713UI

DB-5ms Ultra Inert

ID (mm)	Length (m)	Film (µm)	Temp Limits (°C)	Part No.
0.18	20	0.18	-60 to 325/350	121-5522UI
		0.36	-60 to 325/350	121-5523UI
0.25	15	0.25	-60 to 325/350	122-5512UI
		1.00	-60 to 325/350	122-5513UI
		0.25	-60 to 325/350	122-5522UI
	30	0.25	-60 to 325/350	122-5532UI
		0.50	-60 to 325/350	122-5536UI
		1.00	-60 to 325/350	122-5533UI
	50	0.25	-60 to 325/350	122-5552UI
	60	0.25	-60 to 325/350	122-5562UI
		1.00	-60 to 325/350	122-5563UI
	0.32	30	0.25	-60 to 325/350
0.50			-60 to 325/350	123-5536UI
1.00			-60 to 325/350	123-5533UI
60		1.00	-60 to 325/350	123-5563UI

HP-5ms Ultra Inert

ID (mm)	Length (m)	Film (µm)	Temp Limits (°C)	Part No.
0.18	20	0.18	-60 to 325/350	19091S-577UI
0.25	15	0.25	-60 to 325/350	19091S-431UI
		30	0.25	-60 to 325/350
	0.50	-60 to 325/350	19091S-133UI	
		1.00	-60 to 325/350	19091S-233UI
60	0.25	-60 to 325/350	19091S-436UI	
	30	0.25	-60 to 325/350	19091S-413UI
0.32	30	0.25	-60 to 325/350	19091S-413UI
		1.00	-60 to 325/350	19091S-213UI



DB-35ms Ultra Inert

ID (mm)	Length (m)	Film (µm)	Temp Limits (°C)	Part No.
0.18	20	0.18	50 to 340/360	121-3822UI
0.25	15	0.25	50 to 340/360	122-3812UI
	30	0.25	50 to 340/360	122-3832UI
0.32	30	0.25	50 to 340/360	123-3832UI

DB-624 Ultra Inert

ID (mm)	Length (m)	Film (µm)	Temp Limits (°C)	Part No.
0.18	20	1.00	-20 to 260	121-1324UI
0.25	30	1.40	-20 to 260	122-1334UI
	60	1.40	-20 to 260	122-1364UI
0.32	30	1.80	-20 to 260	123-1334UI
	60	1.80	-20 to 260	123-1364UI
0.53	30	3.00	-20 to 260	125-1334UI
	75	3.00	-20 to 260	125-1374UI

DB-Select 624 UI for <467>

ID (mm)	Length (m)	Film (µm)	Temp Limits (°C)	Part No.
0.25	30	1.40	40 to 260	122-0334UI
	60	1.40	40 to 260	122-0364UI
0.32	30	1.80	40 to 260	123-0334UI
	60	1.80	40 to 260	123-0364UI
0.53	30	1.80	40 to 260	125-0334UI

DB-UI 8270D Ultra Inert

ID (mm)	Length (m)	Film (µm)	Temp Limits (°C)	Part No.
0.18	20	0.36	-60 to 325/350	121-9723
0.25	30	0.25	-60 to 325/350	123-0334UI
		-60 to 325/350	122-9732, 6/pk*	
		0.50	-60 to 325/350	122-9736

*Only available in the U.S.

Agilent J&W Ultra Inert GC columns

Engineered for low bleed, high thermal stability, and excellent inertness

DB-WAX Ultra Inert

ID (mm)	Length (m)	Film (µm)	Configuration	Part No.
0.18	20	0.18	7 in.	121-7022UI
		0.30	7 in.	121-7023UI
0.20	25	0.20	7 in.	128-7022UI
0.25	15	0.25	7 in.	122-7012UI
		0.25	7 in.	122-7032UI
	30	0.25	Intuvo	122-7032UI-INT
		0.50	7 in.	122-7033UI
		0.50	Intuvo	122-7033UI-INT
	60	0.25	7 in.	122-7062UI
		0.25	Intuvo	122-7062UI-INT
0.50		7 in.	122-7063UI	
0.32	15	0.25	7 in.	123-7012UI
		0.25	7 in.	123-7032UI
	30	0.25	Intuvo	123-7032UI-INT
		0.50	7 in.	123-7033UI
		0.50	Intuvo	123-7033UI-INT
	60	0.25	7 in.	123-7062UI
		0.50	7 in.	123-7063UI
0.50		Intuvo	123-7063UI-INT	
0.53	15	1.00	7 in.	125-7012UI
		0.25	7 in.	125-7031UI
	30	0.50	7 in.	125-7037UI
		1.00	7 in.	125-7032UI
		1.00	7 in.	125-7062UI

Detector jets

Description	Part No.
FID jet, universal fit, 0.011 inch id	5200-0176
FID jet, universal fit, 0.018 inch id	5200-0177
FID jet, universal fit, 0.030 inch id	5200-0178
NPD jet, universal fit, 0.011 inch id	5200-0179

DB-FATWAX Ultra Inert

ID (mm)	Length (m)	Film (µm)	Configuration	Part No.
0.18	20	0.18	7 in.	G3903-63007
		0.18	Intuvo	G3909-63002
0.25	30	0.25	7 in.	G3903-63008
		0.25	Intuvo	G3909-63003
0.32	30	0.25	7 in.	G3903-63009
		0.50	Intuvo	G3909-63004

DB-BAC1 Ultra Inert and DB-BAC2 Ultra Inert

ID (mm)	Length (m)	Film (µm)	Config.	Phase	Part No.
0.32	30	1.20	7 in.	DB-BAC1	123-9334UI
			Intuvo	DB-BAC1	123-9334UI-INT
		1.80	7 in.	DB-BAC2	123-9434UI
			Intuvo	DB-BAC2	123-9434UI-INT
0.53	30	2.00	7 in.	DB-BAC2	125-9434UI
		3.00	7 in.	DB-BAC1	125-9334UI

HP-5ms Ultra Inert with Smart Key (For 8890 GC system only)

ID (mm)	Length (m)	Temp Limits (°C)	Part No.
0.25	15	-60 to 325/350	19091S-431UI-KEY
	30	-60 to 325/350	19091S-433UI-KEY

DB-5ms Ultra Inert with Smart Key (For 8890 GC system only)

ID (mm)	Length (m)	Temp Limits (°C)	Part No.
0.25	30	-60 to 325/350	122-5532UI-KEY

www.agilent.com/chem/ultraintert

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This information is subject to change without notice.