

## Agilent 8890 and 8860 GC Supplies

### Agilent supplies for Agilent instruments

Agilent is committed to optimizing your laboratory's productivity, so we have produced this list of the most commonly ordered supplies and parts for the 8890 and 8860 GC. Keep this list handy so you can quickly find the supplies you need and minimize instrument downtime.








Vials	Color	Part Number
A-Line crimp top vial, 2 mL, with write-on spot	0.235 in	<a href="#">5190-9591</a>
	Amber	<a href="#">5190-9592</a>
A-Line screw top vial, 2 mL, with write-on spot	Clear	<a href="#">5190-9589</a>
	Amber	<a href="#">5190-9590</a>
Crimp cap, PTFE/white silicone septum	Silver	<a href="#">5182-0552</a>
Screw cap, PTFE/white silicone septum	Blue	<a href="#">5190-7021</a>

Gas Supplies	Part Number
<a href="#">Gas Clean Filters</a>	
Gas Clean FID filter kit (includes 4 filters for carrier gas and detector gases, 1/8")	<a href="#">CP736530</a>
Gas Clean kit for 8890 and 8860 (includes carrier gas filter, 1/8" connection unit with mounting bracket, and Gas Clean sensor)	<a href="#">CP179880</a>
<a href="#">Replacement Filters</a>	
Gas Clean carrier gas filter	<a href="#">CP17973</a>
Gas Clean oxygen filter	<a href="#">CP17970</a>
Gas Clean moisture filter	<a href="#">CP17971</a>
Gas Clean hydrocarbon filter	<a href="#">CP17972</a>

GC Columns with Smart Key	i.d. (mm)	Length (m)	Film Thickness (µm)	Part Number
<b>Ultra Inert</b>				
HP-5ms UI	0.25	15	0.25	<a href="#">19091S-431UI-KEY</a>
HP-5ms UI	0.25	30	0.25	<a href="#">19091S-433UI-KEY</a>
DB-5ms UI	0.25	30	0.25	<a href="#">122-5532UI-KEY</a>
<b>Low Bleed GC/MS</b>				
HP-5ms	0.25	30	0.25	<a href="#">19091S-433-KEY</a>
DB-5ms	0.25	30	0.25	<a href="#">122-5532-KEY</a>
VF-5ms	0.25	30	0.25	<a href="#">CP8944-KEY</a>
DB-5ms	0.25	60	0.25	<a href="#">122-5562-KEY</a>
DB-35ms	0.25	30	0.25	<a href="#">122-3832-KEY</a>
<b>Premium Polysiloxane</b>				
DB-1	0.25	30	0.25	<a href="#">122-1032-KEY</a>
DB-5	0.25	30	0.25	<a href="#">122-5032-KEY</a>
HP-5	0.25	30	0.25	<a href="#">19091J-433-KEY</a>
HP-5	0.32	30	0.25	<a href="#">19091J-413-KEY</a>
DB-5	0.32	30	0.25	<a href="#">123-5032-KEY</a>
DB-1701	0.25	30	0.25	<a href="#">122-0732-KEY</a>
DB-1701	0.32	30	0.25	<a href="#">123-0732-KEY</a>
HP-88	0.25	100	0.2	<a href="#">112-88A7-KEY</a>

GC Columns with Smart Key	i.d. (mm)	Length (m)	Film Thickness (µm)	Part Number
<b>High Temperature</b>				
DB-5HT	0.25	15	0.1	<a href="#">122-5711-KEY</a>
<b>Polyethylene Glycol (PEG)</b>				
DB-WAX	0.25	30	0.25	<a href="#">122-7032-KEY</a>
DB-WAX	0.32	30	0.5	<a href="#">123-7033-KEY</a>
DB-WAX	0.32	30	0.25	<a href="#">123-7032-KEY</a>
DB-WAX	0.53	30	1	<a href="#">125-7032-KEY</a>
HP-INNOWax	0.25	30	0.25	<a href="#">19091N-133I-KEY</a>
<b>Special Apps—Volatiles</b>				
DB-624	0.25	30	1.4	<a href="#">122-1334-KEY</a>
DB-624	0.25	60	1.4	<a href="#">122-1364-KEY</a>
DB-624	0.32	30	1.8	<a href="#">123-1334-KEY</a>
DB-624	0.32	60	1.8	<a href="#">123-1364-KEY</a>
DB-624	0.53	30	3	<a href="#">125-1334-KEY</a>
DB-624	0.53	60	3	<a href="#">125-1364-KEY</a>
DB-624	0.53	75	3	<a href="#">125-1374-KEY</a>
<b>PLOT</b>				
Lowox	0.53	10	10	<a href="#">CP8587-KEY</a>

Inlet Supplies	Qty.	Part Number
<b>Inlet Septa</b>		
BTO septa Bleed and temperature optimized. Maximum inlet temp 400 °C. Change after 200-300 injections. Ideal for MS.	50/pk	<a href="#">5183-4757</a>
	100/pk	<a href="#">5183-4757-100</a>
Advanced Green septa Popular all purpose septa. Maximum inlet temp 350 °C.	50/pk	<a href="#">5183-4759</a>
	100/pk	<a href="#">5183-4759-100</a>
Long-life septa Up to 400 injections. Maximum inlet temp 350 °C.	50/pk	<a href="#">5183-4761</a>
	100/pk	<a href="#">5183-4761-100</a>
<b>Other Inlet Supplies</b>		
Non-stick fluorocarbon O-rings Change with every liner to ensure leak-free seal.	10/pk	<a href="#">5188-5365</a>
	100/pk	<a href="#">5190-2269</a>
Gold seals Replace regularly to ensure leak-free seal and maintain chromatographic performance.	Gold seal with washer	1/pk <a href="#">5188-5367</a>
		10/pk <a href="#">5190-2209</a>
	Ultra Inert gold seal with washer	1/pk <a href="#">5190-6144</a>
		10/pk <a href="#">5190-6145</a>
Split vent trap PM kit Includes one cartridge and two O-rings. Replace at least annually to prevent buildup and protect lab from emissions.		<a href="#">5188-6495</a>

Inlet Liners		Qty.	Ultra Inert Deactivation*	Agilent Original Deactivation
Split straight liner with glass wool		1/pk	5190-2294	19251-60540
		5/pk	5190-3164	5183-4691
		25/pk	5190-3168	5183-4692
Split/splitless single taper with glass wool		1/pk	5190-2295	5183-4647 5183-4711
		5/pk	5190-3165	5183-4701 5183-4712
		25/pk	5190-3169	5183-4702 5183-4713
Splitless single taper liner with glass wool		1/pk	5190-2293	5062-3587
		5/pk	5190-3163	5183-4693
		25/pk	5190-3167	5183-4694
Single taper, split UI Frit		1/pk	5190-5105	
		5/pk	5190-5105-5	
Single taper, splitless, UI Frit		1/pk	5190-5112	
		5/pk	5190-5112-5	

\*Ultra Inert liners have a pre-installed O-ring.

For additional liners and inlet supplies, please [click here](#).

## Column Connection Supplies


Installing your GC column carefully and correctly is a critical task to ensure a high-quality chromatogram. Need a refresher? Check out our column installation video [here](#). Make a clean cut with Agilent's ceramic scribes, part no. [5181-8836](#).

Ferrules	Ferrule ID	Fits Column ID			Part Number
		250 µm	320 µm	530 µm	
Graphite*	0.4	Yes	No	No	500-2114
	0.5	Yes	Yes	No	5080-8853
	1.0	No	No	Yes	5080-8773
Vespel/graphite	0.4	Yes	No	No	5181-3323
	0.5	No	Yes	No	5062-3514
	0.8	No	No	Yes	5062-3512
Flexible metal**	0.4	Yes	No	No	G3188-27501
	0.5	No	Yes	No	G3188-27502
	0.8	No	No	Yes	G3188-27503

\*Do not use graphite ferrules with MS or oxygen-sensitive detectors.

\*\*Use flexible metal ferrules in GC inlets and non-MS detectors with a deep well column nut (part no. [05921-21170](#)).

Column Nuts	Ferrule Compatibility			Part Number
	Graphite	Vespel/Graphite	Flexible Metal	
Standard	Yes	Yes	No	5181-8830
Deep well	No	No	Yes	05921-21170
Self-tightening column nut, Inlet/Detect	No	Yes	No	G3440-81011
Self Tightening column nut, MSD	No	Yes	No	G3440-81013

Detector Supplies	Details	Part Number	
	Ignitor (glow plug) assembly with O-ring	19231-60680	
	Collector body	G1531-20690	
	Collector body, Hastelloy	G1531-21090	
	Collector insulator	G1531-20700	
	FID jet, adaptable	0.47mm ID	5200-0177
	FID jet, adaptable	0.29mm ID, capillary	5200-0176
	FID jet, adaptable	0.76mm ID, packed, wide bore	5200-0178
	NPD jet, adaptable	Capillary with extended tip	5200-0179

MSD Supplies	Details	Part Number
MSD transfer line interface nuts	Brass	05988-20066
	Self-tightening*	5190-5233
MSD ferrules**	100 µm column id	5062-3507
	250 µm column id	5062-3508
	320 µm column id	5062-3506
El filament		G7005-60061

Handheld Diagnostics Tools	Part Number
ADM Flow Meter	G6691A
Annual replacement cartridge for ADM Flow Meter	G6692A
Electronic leak detector	G3388B

\*Use with short vespel/graphite ferrules (5181-3323 or 5062-3514).

\*\*Use only with brass nuts (05988-20066). Not suitable for self-tightening nuts.



## Agilent supplies—to help you get the results you need

For greater confidence in your chromatography results, you can optimize your total system with quality Agilent columns and supplies. Our wide range of columns, supplies, kits, and accessories is designed, manufactured, and tested to rigorous Agilent specifications, under a quality system registered to ISO 9001. Why risk compromising your analytical results with anything less than genuine Agilent supplies?

When choosing your columns, Agilent J&W GC columns offer the lowest bleed levels, the best inertness for acids/bases/mixed functional compounds, and the tightest column-to-column reproducibility.

For Agilent's complete listing of columns and supplies, visit [www.agilent.com/chem/supplies](http://www.agilent.com/chem/supplies)

[www.agilent.com/chem/inert](http://www.agilent.com/chem/inert)

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