

The Right Parts Make All the Difference

Quick Guide for Agilent Detector
Replacement Parts and Supplies



Agilent Technologies

Optimum Detector Performance using Authentic Agilent Replacement Parts and Supplies

It would be a shame to fully optimize all aspects of your chromatographic method and achieve superb chromatography only to elute your analytes of interest into an under-performing detector. The GC detector provides the critical link between the chromatographic separation and the chromatogram. To assure optimal performance, appropriate preventative maintenance is crucial. And be sure to use authentic PerfectFit Agilent replacement parts on your 6890, 6850 and 5890 GCs.

FID Common Maintenance Supplies for 6890, 6850 and 5890 GCs

Item	Part Number
Flame Ionization Detector (FID)	
Flow measuring insert	19301-60660
Ignitor glow plug assembly	19231-60680
FID cleaning kit	9301-0985
Jet cleaning wire	19301-20720
FID performance test mixture	18710-60170
FID/NPD 1/4 -in. packed column adapter	19231-80530
FID/NPD 1/8 -in. packed column adapter	19231-80520
FID/NPD capillary column adapter	19244-80610
Vespel adapter ferrule (required for all adapters)	5080-8774

Agilent Replacement Parts and Accessories for Other Detectors

Item	Part Number
Nitrogen Phosphorus Detector (NPD)	
White ceramic bead assembly (6890 GC only)	G1534-60570
Black ceramic bead assembly (6890 GC only)	5183-2007
Collector assembly (bead) (5890 GC only)	19234-60540
Detector jets	See FID listing
Graphite ferrules	See FID listing
NPD performance test mixture	18789-60060
Thermal Conductivity Detector (TCD)	
Replacement cell (6890/6850 GCs only)	G1532-60675
Replacement cell (5890 GC only)	19232-60676
Graphite ferrules	See FID listing
TCD performance test mixture	18711-60060
Electron Capture Detector (ECD)	
Makeup gas adapter	19233-80565
Makeup gas adapter (micro-ECD)	G2397-80520
Fused silica liner	19233-20625
Fused silica liner (micro-ECD)	G2397-20540
Stainless steel makeup gas adapter cap	19233-20755
Graphite/Vespel ferrules	See FID listing
ECD wipe test kit	18713-60050
ECD performance test mixture	18713-60040



Collector Body



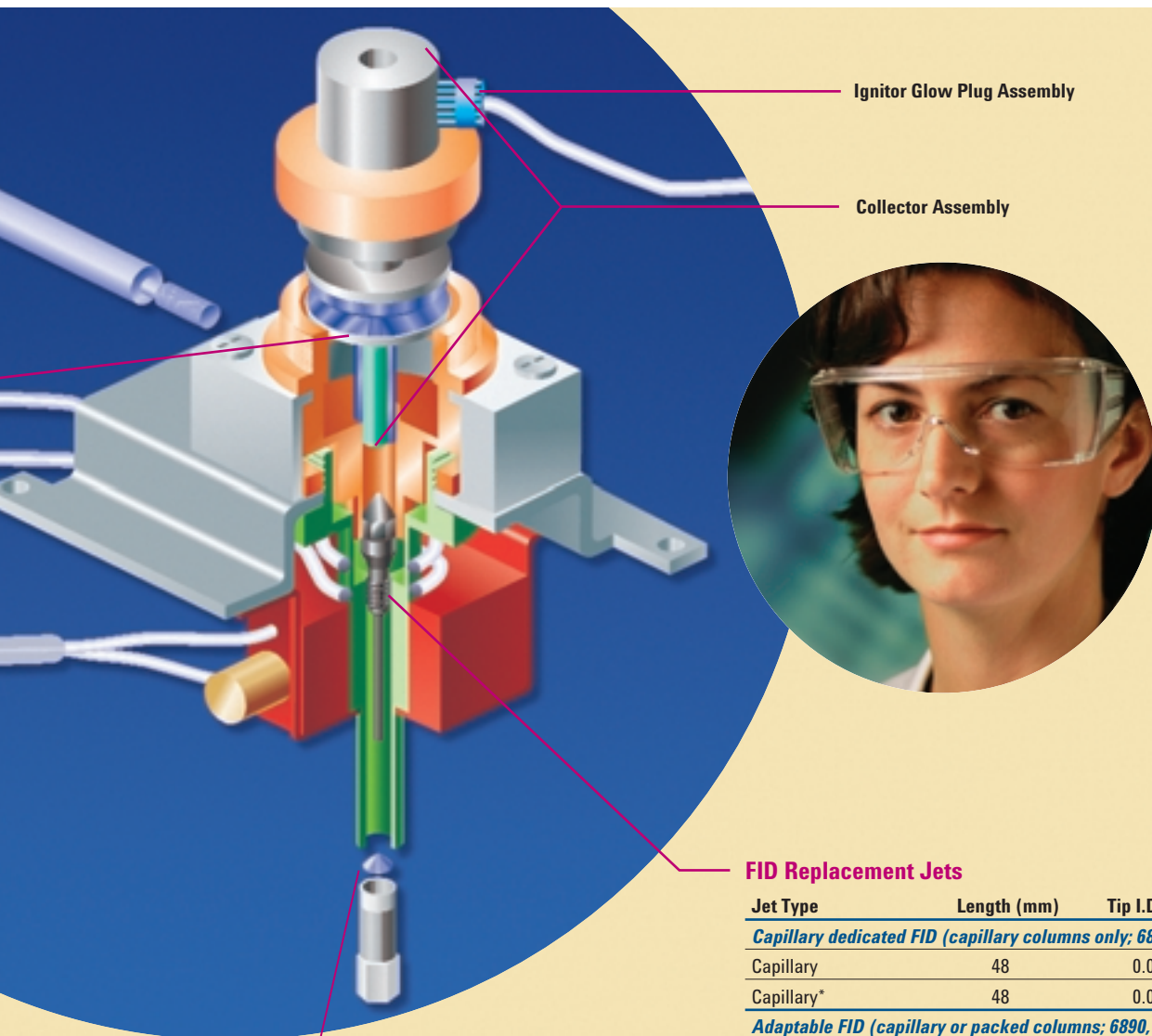
FID Cleaning Kit

Instrument-Specific Miscellaneous FID Supplies

Item	Part Number
FID collector assembly* (5890 GC only)	19231-60690
FID collector assembly* (6890 GC only)	G1531-60690
Collector body (5890 GC only)	19231-20960
Collector body (6850 and 6890 GC only)	G1531-20690
Hastelloy ignitor castle** (5890 GC only)	19231-21060
Hastelloy collector body** (5890 GC only)	19231-21080

* Assembly includes: Gasket, Ignitor Castle, Ignitor Glow Plug Assembly, Spring Washer-Wavy, Collector: Housing, Mount, Nut, Body, Spanner Nut, Insulator (upper and lower)

** Hastelloy components are ideal when analyzing corrosive materials.



Ignitor Glow Plug Assembly

Collector Assembly

FID Replacement Jets

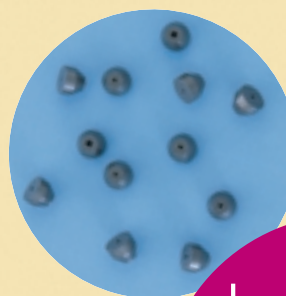
Jet Type	Length (mm)	Tip I.D. (in.)	Part Number
Capillary dedicated FID (capillary columns only; 6890 GC only)			
Capillary	48	0.011	G1531-80560
Capillary*	48	0.018	G1531-80620
Adaptable FID (capillary or packed columns; 6890, 6850 and 5890 GCs)			
Capillary	61	0.011	19244-80560
Capillary*	61	0.018	19244-80620
Packed column	63.5	0.018	18710-20119
Packed column jet*	63.5	0.030	18789-80070

* For high-temperature applications

FID Ferrules

Ferrule Type	Column I.D. (µm)	Ferrule I.D. (mm)	Part Number*
General purpose graphite	180, 200, 250, 320	0.5	5080-8853
General purpose graphite	530	1.0	5080-8773
Graphite/Vespel	180, 200, 250	0.4	5181-3323
Graphite/Vespel	320	0.5	5062-3514
Graphite/Vespel	530	0.8	5062-3512
Universal column nut for Agilent 6890 GC (2/pk)			5181-8830
Universal column nut for Agilent 6850 GC (2/pk)			5183-4732

* All ferrule part numbers represent a quantity of 10/pk.



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For More Information

To find out more about Agilent detector replacement parts and supplies, our Customer Contact Center is a convenient, single point of contact for everything from product information and quotations to ordering and technical assistance. Visit online at www.agilent.com/chem or call 1-800-227-9770 in the U.S. and Canada for quick, knowledgeable help. Or contact your local Agilent office or authorized Agilent distributor.

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