



GC Supplies - Thermo Scientific Instrument Quick Pick Guide

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- Electron Multipliers



AUSTRALIA & PACIFIC REGION

CHINA

EUROPE

INDIA

JAPAN

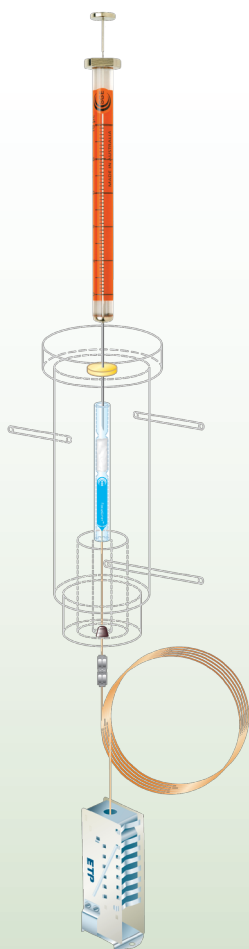
MIDDLE EAST

USA

Instrument Quick Pick for Thermo Scientific

Autosampler Syringes for Thermo Scientific / CE Instruments / Fisons

All needles have a cone point style.



- Taper / Gooseneck
- FocusLiner™
- Taper Focus
- ConnectTite
- Straight
- Double Taper
- PTV/LVI

AUTOSAMPLER				NEEDLE SPECIFICATIONS						
TriPlus	AS3000	AS2000	AS200/800	Volume	Length (mm)	Gauge	Syringe Code	Syringe Part No.	Needle Part No.	Pack Size
Fixed Needle										
•				5 µL	50	26 (0.47)	5FX-5C	001105	–	–
•		•		10 µL	50	23 (0.63)	10F-C/T-GT-5/0.63C	002987	–	–
•		•		10 µL	80	23 (0.63)	10F-C/T-8/0.63C	002989	–	–
•		•		10 µL	80	26 (0.47)	10F-C/T-8/0.47C	002992	–	–
•	•	•	•	10 µL	50	25 (0.50)	10F-C/T-5/0.50C	002967	–	–
•	•	•	•	10 µL	50	23 (0.63)	10F-C/T-5/0.63C	002981	–	–
•	•	•	•	10 µL	50	26 (0.47)	10F-C/T-5/0.47C	002980	–	–
Removable Needle										
•	•	•		10 µL	50	26 (0.47)	10R-C/T-5/0.47C	002982	037785	2
•	•	•	•	10 µL	50	23 (0.63)	10R-C/T-5/0.63C	002984	037787	2
•		•	•	10 µL	80	26 (0.47)	10R-C/T-8/0.47C	002993	031535	3
•	•			0.5 µL	50	26 (0.47)	0.5BNR-C/T-5/0.47C	000490	033770	–
•	•			0.5 µL	50	23 (0.63)	0.5BNR-C/T-5/0.63C	000492	033772	–

Septa

Instrument	Diameter (mm)	Septum Type	Pack Size	Part No.
8000 Series, FOCUS, Trace/ULTRA GC™	17	TCS	50	0418491
	17	Auto-Sep T™	25	041886
	17	HT	25	0418990
	17	EC	25	041903

Inlet Liners

Description and Geometry Sketch	OD (mm)	ID (mm)	Length (mm)	Pack Size	Part no.
For TRACE™ and Focus™					
Splitless FocusLiner™ (for use with 70 mm Needle)	8	5	105	1 5	09204501 092045
Splitless FocusLiner™ with Top-end Restriction (for use with 70 mm Needle)	8	5	105	1 5 25	09204601 092046 09204625
Split FocusLiner™ (for use with 50 mm Needle)	8	5	105	1 5	09204801 092048
Splitless FocusLiner™ (for use with 50 mm Needle)	8	5	105	1 5	09204901 092049
Splitless with Single Taper	8	3	105	1 5 25	09214101 092141 09214125
Splitless with Single Taper	8	5	105	1 5 25	09214401 092144 09214425
Splitless, Straight-through Liner	8	3	105	1 5 25	09214701 092147 09214725
SPME Liner	8	0.8	105	1 5	09214801 092148
Split, Straight-through Liner	8	5	105	1 5 25	0921501 092150 09215025
Trace 2000 PTV Liner	2.75	1.75	120	1 5 25	09214201 092142 09214225
Sintered Glass, Large Volume Injection (LVI) Liner	2.75	0.78/1.8	120	1 5 25	09215501 092155 09215525
ConnectTite Liner Standard	8	5	105	1 5	09233401 092334
ConnectTite Liner Top Hole	8	5	105	1 5	09233501 092335
ConnectTite Liner Bottom Hole	8	5	105	1 5	09233601 092336

Sealing Rings

Description	Usage	Pack Size	Part No.
Graphite Sealing Ring	8 mm ID. For 8000 & TRACE GCs.	10	0726004

Ferrules

Instrument	Column ID	Ferrule ID	Pack Size	Part No.
15% Graphite / 85% Vespel® Ferrules				
For All Injectors & Detectors (Not for 8000 Series, Focus, Trace/Ultra GC)	0.1-0.25 mm	0.4 mm	10	0726549
	0.32 mm	0.5 mm	10	0726557
	0.53 mm	0.8 mm	10	0726548
	1/8" OD Packed Columns	1/8"	10	072669
	1/4" OD Packed Columns	1/4"	10	072667
For All Focus, Trace/Ultra Injectors & Detectors at atmospheric pressure e.g. FID (Not for GC-MS)	0.1-0.25 mm	0.4 mm	10#	072696
	0.32 mm	0.5 mm	10#	072697
	0.53 mm	0.8 mm	10#	072698
Brass Nut for Focus, Trace/Ultra GC Injectors & Non-MS Detectors			2	1034085
100% Graphite Ferrules				
For Injectors & Detectors at atmospheric pressure e.g. FID (Not for GC-MS)	0.1-0.32 mm	0.5 mm	10	072619
	0.45-0.53 mm	0.8 mm	10	072614
	1/8" OD Packed Columns	1/8"	10	072622
	1/4" OD Packed Columns	1/4"	10	072621
SilTite™ Metal Ferrules				
For GC-MS Interface Connections (Starter Kit)	0.1-0.25 mm	0.4 mm	10*	073450
	0.32 mm	0.5 mm	10*	073451
	0.53 mm	0.8 mm	10*	073452
	1/32"	0.81 mm	10*	073453
Replacement SilTite™ Metal Ferrules				
For All GC-MS Interface Connections	0.1-0.25 mm	0.4 mm	10	073330
	0.32 mm	0.5 mm	10	073331
	0.53 mm	0.8 mm	10	073332
	1/32"	0.81 mm	10	073333
Replacement SilTite™ Nuts				
			5	073230

To be used in combination with brass nut (Part No. 1034085) * Includes 10 ferrules, 2 SilTite™ nuts.

SilTite™ FingerTite Ferrules

Description	Column ID	Ferrule ID (mm)	Pack Size	Part No.
Thermo (Available from SGE on 1/1/2011)				
SilTite™ FingerTite™ Thermo Injector/FID Starter Kit	0.1-0.25 mm	0.4	*	073614
SilTite™ FingerTite™ Thermo Injector/GC-MS ISQ Starter Kit	0.1-0.25 mm	0.4	*	073615
SilTite™ FingerTite™ Thermo Injector/EC-MS Starter Kit	0.1-0.25 mm	0.4	*	073616
SilTite™ FingerTite™ Ferrule 0.4 mm	0.1-0.25 mm	0.4	10	073630
SilTite™ FingerTite™ Ferrule 0.5 mm	0.32 mm	0.5	10	073631
SilTite™ FingerTite™ Ferrule Blanking	–	–	2	073633
SilTite™ FingerTite™ Female Nut	–	–	5	073636

* Each starter kit includes all the parts necessary to convert one GC system (one injector and one detector) to the SilTite™ FingerTite system suitable for installing 0.1 – 0.25 mm ID capillary columns. In addition there are 5 SilTite™ FingerTite nuts, one packet (10 ferrules) of 0.4 mm ID SilTite™ FingerTite ferrules and a ferrule install tool which allows you to seat the ferrule in the correct position on the capillary column.

Electron Multipliers

MS Description	Analyzer Type	Technique	Part No.
DSQ (Replacement multiplier)	Quadrupole	GC-MS	14633
Polaris-Q (Replacement multiplier only)	Ion Trap	GC-MS	14633
ITQ (Replacement multiplier only)	Ion Trap	GC-MS	14633
ISQ (Replacement multiplier only)	Quadrupole	GC-MS	14633

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