

TRACE™ GC Ultra Quick Reference

This Quick Reference card shows the proper syringe needle lengths, column insertion depths, and injector liner types for PTV, split/splitless, and on-column injectors. Column insertion depths for FID, NPD, FPD, PID, ECD and PDD detectors are illustrated adjacent to the ruler. Detector and injector insertion depths are measured from the bottom of the ferrule.

PTV Injection (a)

Syringe Needle Length 51 mm
Column Insertion Depth 30 mm

Split Injection (b)

Syringe Needle Length 51 mm
Column Insertion Depth 40 mm

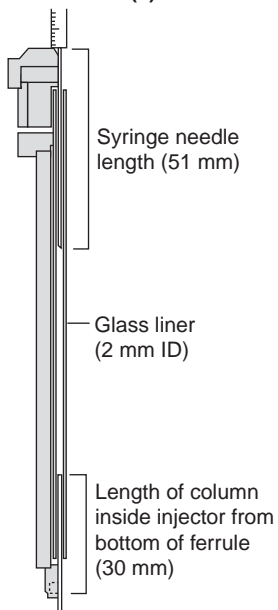
Splitless Injection (c)

Syringe Needle Length 80 mm
Column Insertion Depth 64 mm

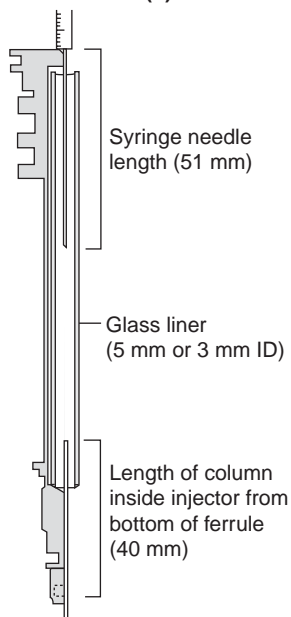
On-Column Injection (d)

Syringe Needle Length 80 mm

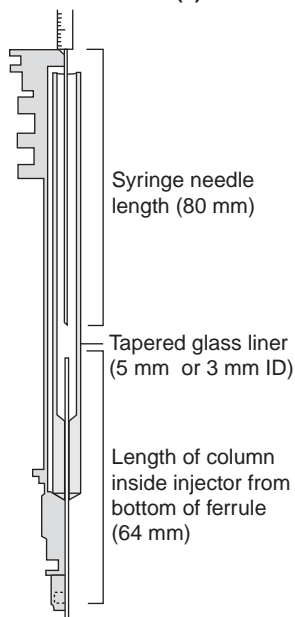
PTV INJECTION (a)



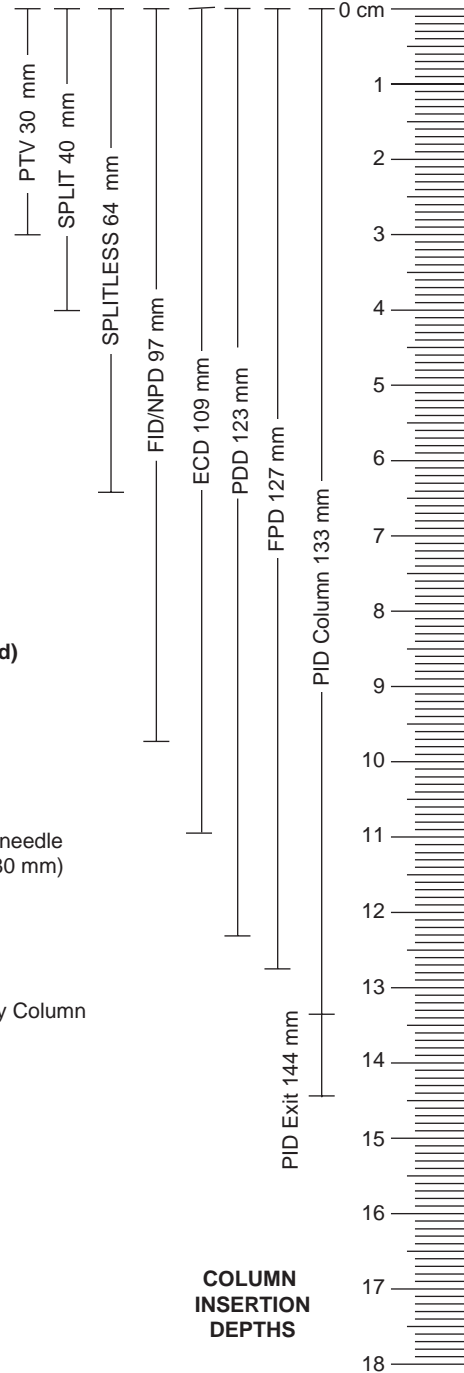
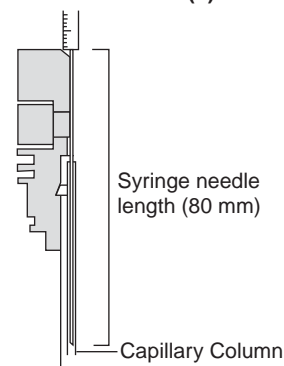
SPLIT INJECTION (b)



SPLITLESS INJECTION (c)



ON-COLUMN INJECTION (d)



Capillary Column Accessories

Graphite Ferrules (for S/SL and PTV Injectors and Detectors)	Qty.	Part Number
0.25 mm ID for up to 0.2 mm ID column	2	290 134 89
0.35 mm ID for 0.25 mm ID column	2	290 134 88
0.45 mm ID for 0.32 mm ID column	2	290 134 87
0.8 mm ID for 0.53 mm ID column	2	290 134 86
Vespel Ferrules (for On-Column Injectors)	Qty.	Part Number
0.35 mm ID for up to 0.25 mm ID column	2	290 134 61
0.45 mm ID for 0.32 mm ID column	2	290 134 60
0.8 mm ID for 0.53 mm ID column	2	290 134 71
Septa	Qty.	Part Number
for S/SL injectors	50	313 032 11
for OCI/LVOCI injectors with an autosampler	10	350 358 50
for PTV injectors	10	313 132 25
Auto Sampler/Syringes	Qty.	Part Number
10 μ l capacity with 51 mm needle	1	365 005 25
10 μ l capacity with 80 mm needle	1	365 020 19
250 μ l capacity with 80 mm needle	1	365 020 23
Injector Liners	Qty.	Part Number
2 mm Silcosteel™ liner (for PTV)	2	453 220 46
2 mm Silcosteel™ liner with glass wool for large volume (for PTV)	2	453 220 56
1.3 mm Silcosteel™ liner (for PTV)	2	453 220 46
1.0 mm glass liner (for PTV)	2	453 220 54
2 mm sintered glass liner for large volume (for PTV)	2	453 220 60
5 mm glass liner (for split injection)	2	453 200 30
3 mm glass liner (for split injection)	2	453 200 31
5 mm tapered glass liner (for splitless injection)	2	453 200 33
3 mm tapered glass liner (for splitless injection)	2	453 200 32
wide-bore column liner	2	453 003 10
polar solvents liner	2	453 003 20