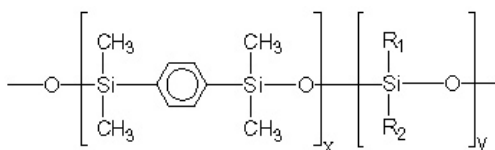


Meta.X5

Silphenylene phase, selectivity similar to TRB-5, bonded and crosslinked phase.

- Choice column for the analysis of semivolatile compounds with GC-MS
- Polymer synthesis designed and developed by scientists at Teknokroma
- Selectivity similar to TRB-5
- New generation of column incorporates arylene groups in the polymer structure, and this improves the thermal stability, reduces the bleeding level and provides optimal resolution for aromatic compounds
- Manufacturing procedures of this Teknokroma column guarantees maximal inertness and minimal bleeding level
- Quality control test (MX5) that guarantees total inertness and optimal signal/noise ratio (S/N) for the more active compounds that normally suffer adsorption problems, like 2,4-dinitrophenol, 4 nitroaniline and pentachlorophenol



Structure of Polysiloxane containing p-silphenylene

Meta.X5 Equivalent Phase

Restek: Rxi-5Sil MS

Agilent/JW: DB.5 MS, HP-5TA

Supelco: MDN-5, SLB-5MS

Chromopack/Varian: CP-SIL8CB MS, VF-5MS

Alltech: AT-5ms

Quadrex: 007-5MS

SGE: BPX-5

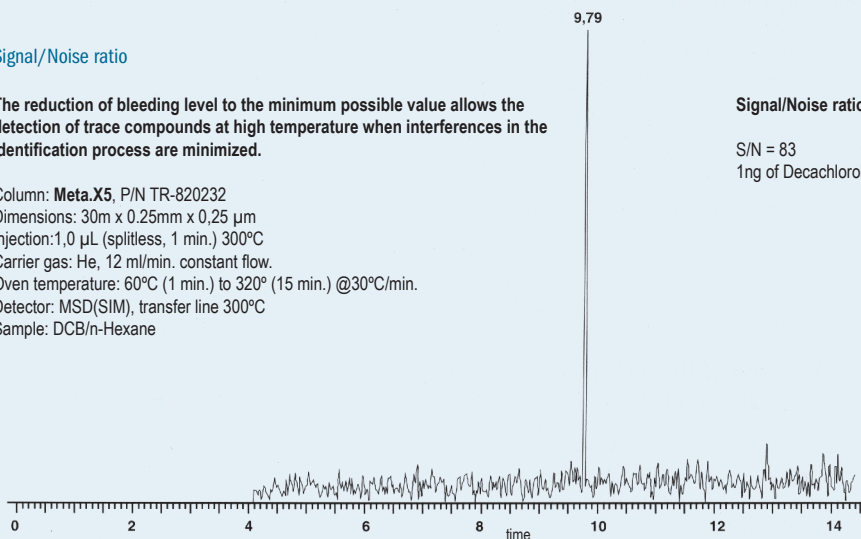
Meta.X5

Internal Diam.(mm)	Length (m)	Film Thickness (µm)	Temp limits (°C)	Part. N° (P/N)
0,18	20	0,18	-60 to 325/350	TR-820984
	20	0,36	-60 to 325/350	TR-823484
	40	0,18	-60 to 325/350	TR-8209C4
0,20	12	0,33	-60 to 325/350	TR-8233B9
	25	0,33	-60 to 325/350	TR-823329
	50	0,33	-60 to 325/350	TR-823359
0,25	15	0,10	-60 to 325/350	TR-820112
	15	0,25	-60 to 325/350	TR-820212
	15	0,50	-60 to 325/350	TR-820512
	15	1,00	-60 to 325/350	TR-821012
	30	0,10	-60 to 325/350	TR-820132
	30	0,25	-60 to 325/350	TR-820232
	30	0,50	-60 to 325/350	TR-820532
	30	1,00	-60 to 325/350	TR-821032
	60	0,10	-60 to 325/350	TR-820162
	60	0,25	-60 to 325/350	TR-820262
0,32	15	0,10	-60 to 325/350	TR-820113
	15	0,25	-60 to 325/350	TR-820213
	15	0,50	-60 to 325/350	TR-820513
	15	1,00	-60 to 325/350	TR-821013
	30	0,10	-60 to 325/350	TR-820133
	30	0,25	-60 to 325/350	TR-820233
	30	0,50	-60 to 325/350	TR-820533
	30	1,00	-60 to 325/350	TR-821033
	60	0,10	-60 to 325/350	TR-820163
	60	0,25	-60 to 325/350	TR-820263
0,53	15	0,50	-60 to 320/340	TR-820515
	15	1,00	-60 to 320/340	TR-821015
	15	1,50	-60 to 320/340	TR-821515
	30	0,50	-60 to 320/340	TR-820535
	30	1,00	-60 to 320/340	TR-821035
30	1,50	-60 to 310/330	TR-821535	

Signal/Noise ratio

The reduction of bleeding level to the minimum possible value allows the detection of trace compounds at high temperature when interferences in the identification process are minimized.

Column: **Meta.X5**, P/N TR-820232
 Dimensions: 30m x 0.25mm x 0,25 µm
 Injection: 1,0 µL (splitless, 1 min.) 300°C
 Carrier gas: He, 12 ml/min. constant flow.
 Oven temperature: 60°C (1 min.) to 320° (15 min.) @30°C/min.
 Detector: MSD(SIM), transfer line 300°C
 Sample: DCB/n-Hexane



Signal/Noise ratio

S/N = 83
 1ng of Decachlorobiphenyl (DCB)

TKG 1116

