

Teknokroma Capillary Columns **Tk**

Meta.X5 Triazine (proprietary phase)

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

- New formulation for Meta.X5 stationary phase. Ideal for separation of Triazine Herbicides from EPA 609 method.
- Low bleed and excellent inertness for the analysis of traces of herbicides by GC/MS.
- General purpose column for pesticides.

Meta.X5 Triazine

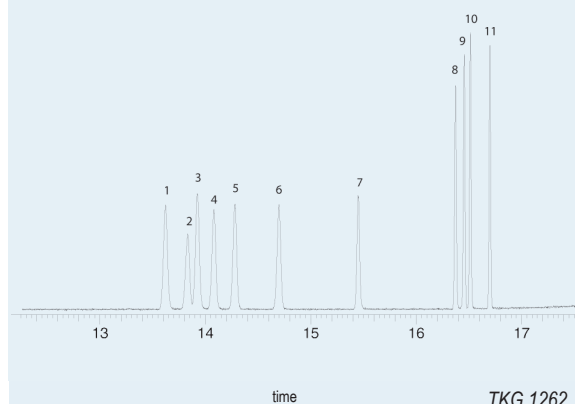
Internal Diam.(mm)	Length (m)	Film Thickness (µm)	Temp limits (°C)	Part. N° (P/N)
0,30	30	0,25	325 to 350°C	TR-410232

Standard Chromatogram

Column: **Meta.X5 Triazine**, P/N TR-410232
 Dimensions: 30m x 0.25mm x 0.25 µm
 Injection: split 1:25; T=250°C
 Carrier gas: Helium, constant flow @ 1.0ml/min.
 Oven temperature: 80°C(0.5 min.) to 160°C(7 min.) @ 30°C/min. to 195°C(0min) @ 7°C/min to 290°C (3min) @ 45°C/min
 Transfer Line temp: 290°C
 Ionization mode: EI
 Scan range: 50-450amu
 Sample: Triazine herbicides EPA 619 2ng/compound on column

Peak Name

- 1 Atraton
- 2 Simazine
- 3 Prometon
- 4 Atrazine
- 5 Propazine
- 6 Terbutylazine
- 7 Secbumeton
- 8 Simetryn
- 9 Ametryn
- 10 Prpometryn
- 11 Terbutryn



Meta.XLB (proprietary phase)

Silphenylene phase, bonded and crosslinked

- Low polarity phase with Extreme Low Bleed.
- Directly replace for DB-XLB
- General purpose column with extended temperature range (30 to 340/360°C)
- Ideal column for GC-MS analysis
- Unique selectivity for aromatic compounds (PCBs, PAHs, PBDEs)
- Excellent column for pesticides and herbicides

Meta.XLB Equivalent Phase

Restek: Rxi-XLB
Agilent/JW: DB-XLB
Supelco: MDN 12
Varian: VF-Xms
Phenomenex: ZB-XLB
Macherey-Nagel: OPTIMA XLB

Meta.X5 Triazine

Internal Diam.(mm)	Length (m)	Film Thickness (µm)	Temp limits (°C)	Part. N° (P/N)
0,10	10	0,10	340 to 360°C	TR-330141
	0,18	0,18	340 to 360°C	TR-330984
		0,18	340 to 360°C	TR-330934
0,25	15	0,10	340 to 360°C	TR-330112
	15	0,25	340 to 360°C	TR-330212
	15	1,00	340 to 360°C	TR-331012
0,32	15	0,25	340 to 360°C	TR-330213
	15	1,00	340 to 360°C	TR-331013
	30	0,10	340 to 360°C	TR-330133
0,53	15	1,50	320 to 340°C	TR-331515
	30	1,50	320 to 340°C	TR-331535