

TRACE TR-1MS GC Columns

Extremely low-bleed non-polar columns suitable for GC/MS applications

- Non-polar phase, 100% dimethyl polysiloxane
- High operating temperature
- Inert phase suited for environmental analyses



NON-POLAR	POLAR
Phase:	100% Dimethyl Polysiloxane
Max. Temps.:	340°C/360°C
USP Listing:	G1, G2, G38

TRACE TR-1MS GC Columns

ID (mm)	Length (m)	Film Thickness (µm)	Cat. No.	Quantity
0.25	30	0.1	260B047P	1 Each
		0.25	260B142P	1 Each
	60	0.25	260B154P	1 Each
0.32	30	0.25	260B143P	1 Each
	60	0.25	260B155P	1 Each
		1.0	260B309P	1 Each

Applications:

- Chlorinated and nitroaromatic compounds
- GC/MS environmental analyses

Similar to:

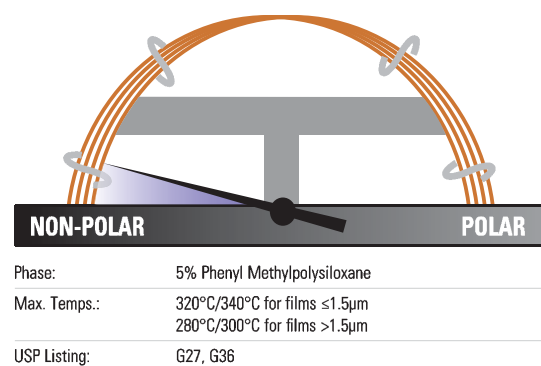
- | | |
|----------------|-----------------|
| • DB-1 | • RSL-160 |
| • DB-Petro | • ZB-1 |
| • BP1 | • CB-1 |
| • HP-1 | • OV-1 |
| • HP-1MS | • PE-1 |
| • Rtx-1 | • 007-1(MS) |
| • Ultra-1 | • SP-2100 |
| • SPB-1 | • SE-30 |
| • SPB-1 Sulfur | • RH-1 |
| • Petrocol DH | • CC-1 |
| • CP-Sil 5CB | • CP-Sil 5CB MS |
| • RSL-150 | • VF-1ms |



TRACE TR-5 GC Columns

Excellent starting columns for method development, capable of performing most required separations

- Non-polar phase, 5% phenyl methyl polysiloxane
- High operating temperature and extremely low bleed
- Widely used in a variety of applications



TRACE TR-5 GC Columns

ID (mm)	Length (m)	Film Thickness (µm)	Cat. No.	Quantity
0.25	15	0.25	260E130P	1 Each
	30	0.25	260E142P	1 Each
		0.5	260E223P	1 Each
	60	0.25	260E154P	1 Each
0.32	7	0.25	260E113P	1 Each
	15	0.25	260E131P	1 Each
	30	0.25	260E143P	1 Each
		0.5	260E224P	1 Each
		1.0	260E297P	1 Each
	60	0.25	260E155P	1 Each
		1.0	260E309P	1 Each
	100	0.5	260E242P	1 Each
0.53	15	1.0	260E286P	1 Each
	30	0.5	260E225P	1 Each
		1.0	260E298P	1 Each
		1.5	260E336P	1 Each
		5.0	260E470P	1 Each

Applications:

- Alcohols
- Free fatty acids
- Aromatics
- Flavors
- Low polarity pesticides

Similar to:

- DB-5
- BP5
- Rtx-5
- HP-5
- Ultra-2
- PTE-5
- SPB-5
- MDN-5
- CP-Sil 8CB
- SPB-5
- AT-5
- ZB-5
- 007-2(MPS-5)
- SE-52
- SE-54

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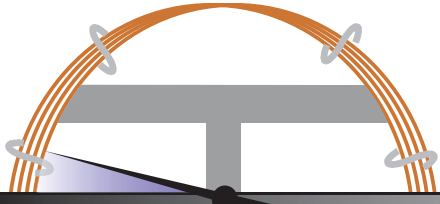
or www.thermoscientific.com/sola-spe



TRACE TR-5MS GC Columns

Feature a popular GC-MS phase for many applications

- Non-polar phase, 5% phenyl polysilphenylene-siloxane
- Low bleed and high stability
- High signal-to-noise ratio for increased sensitivity
- High robustness to oxygen and water contamination



NON-POLAR	POLAR
Phase: 5% Phenyl Polysilphenylene-siloxane	
Max. Temps.: 360°C/370°C for films ≤1.5µm 350°C/360°C for films >1.5µm	
USP Listing: G27, G36	

TRACE TR-5MS GC Columns

ID (mm)	Length (m)	Film Thickness (µm)	Cat. No.	Quantity
0.10	10	0.1	260F020P	1 Each
0.15	25	0.25	260F134P	1 Each
0.18	20	0.18	260F578P	1 Each
0.25	15	0.1	260F035P	1 Each
		0.25	260F130P	1 Each
		1.0	260F284P	1 Each
		0.1	260F047P	1 Each
	30	0.25	260F142P	1 Each
		0.25	260F142J	1 Each
		0.5	260F223P	1 Each
		1.0	260F296P	1 Each
	60	0.25	260F154P	1 Each
		1.0	260F308P	1 Each
0.32	10	0.1	260F024P	1 Each
	15	1.0	260F285P	1 Each
	30	0.25	260F143P	1 Each
		0.5	260F224P	1 Each
		1.0	260F297P	1 Each
	60	1.0	260F309P	1 Each
		0.25	260F155P	1 Each
	100	0.5	260F242P	1 Each
0.53	15	0.5	260F213P	1 Each
	30	3.0	260F384P	1 Each
		0.5	260F225P	1 Each
		1.0	260F298P	1 Each
		1.5	260F336P	1 Each
		3.0	260F396P	1 Each

Applications:

- Hydrocarbons
- Solvents
- Pesticides
- Herbicides
- Phenols
- Amines

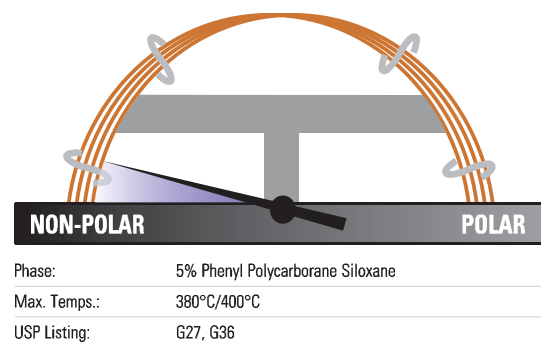
Similar to:

- DB-5
- DB-5MS
- DB-5.625 XTI-5
- BPX5
- Rtx-5MS
- Rtx-5
- AT-5
- AT-5MS
- 007-5MS
- CP-Sil 8CB
- Ultra-2
- HP-5
- HP-5MS
- SPB-5
- MDN-5S
- VF-5ms
- RSL-200
- CB-5
- OV-5
- PE-5
- 007-2(MP-5)
- SE-52
- SE-54
- PTE-5
- CC-5
- RH-5ms
- ZB-5

TRACE TR-5HT GC Columns

Feature upper temperature limits as high as 400°C

- Non-polar phase, 5% phenyl polycarborane siloxane
- Allow the elution of higher-boiling hydrocarbons up to C100
- Low bleed even at elevated temperatures



TRACE TR-5HT GC Columns

ID (mm)	Length (m)	Film Thickness (µm)	Cat. No.	Quantity
0.25	15	0.1	260H035P	1 Each
	30	0.1	260H047P	1 Each
		0.25	260H142P	1 Each
0.32	12	0.1	260H030P	1 Each

Applications:

- Hydrocarbons
- Solvents
- Pesticides
- Herbicides
- Phenols
- Amines

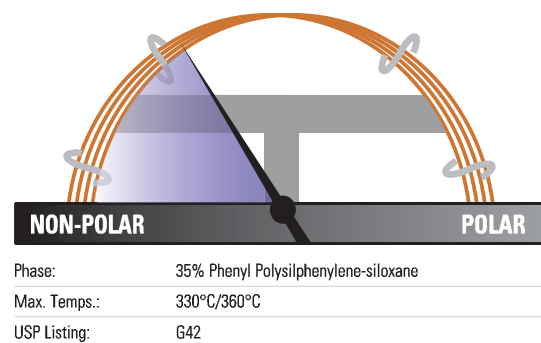
Similar to:

- DB-5
- BP5
- Rtx-5
- HP-5
- Ultra-2
- PTE-5
- SPB-5
- MDN-5
- CP-Sil 8CB
- SPB-5
- AT-5
- ZB-5
- 007-2(MPS-5)
- SE-52
- SE-54

TRACE TR-35MS GC Columns

Mid-polarity columns excellent for many applications

- Mid-polarity phase, 35% phenyl polysilphenylene-siloxane
- Exceptionally low surface activity
- Low bleed even at elevated temperatures



TRACE TR-35MS GC Columns

ID (mm)	Length (m)	Film Thickness (μm)	Cat. No.	Quantity
0.22	15	0.25	260C129P	1 Each
	25	0.25	260C135P	1 Each
0.25	15	0.25	260C130P	1 Each
	30	0.25	260C142P	1 Each
		0.5	260C223P	1 Each
	60	0.25	260C154P	1 Each
0.32	15	0.25	260C131P	1 Each
	30	0.25	260C143P	1 Each
		0.5	260C224P	1 Each
0.53	15	1.0	260C286P	1 Each
	30	1.0	260C298P	1 Each

Applications:

- Pesticides
- Herbicides
- Drugs of abuse
- PAHs
- Pharmaceuticals

Similar to:

- DB-35
- DB-35MS
- HP-35
- HP-35MS
- MDN-35
- Rtx-35
- SPB-35
- BPX35

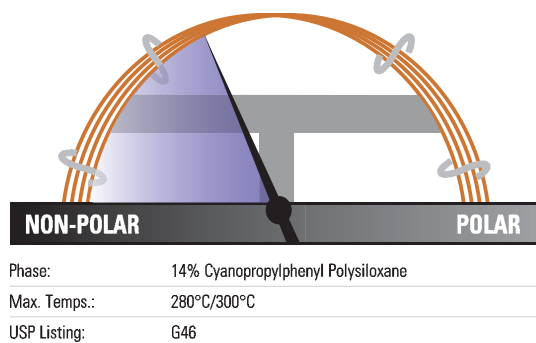
Search thousands of applications
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www.thermoscientific.com/crc



TRACE TR-1701 GC Columns

Mid-polarity column with alternative selectivity

- Mid-polarity phase, 14% cyanopropylphenyl polysiloxane
- Low bleed even at a high operating temperature
- Excellent starting point for method development
- Suitable for a wide variety of applications



TRACE TR-1701 GC Columns

ID (mm)	Length (m)	Film Thickness (µm)	Cat. No.	Quantity
0.25	30	0.25	260Q142P	1 Each
	60	0.25	260Q154P	1 Each
0.32	15	0.25	260Q131P	1 Each
	30	0.25	260Q143P	1 Each
	60	1.0	260Q309P	1 Each
		0.25	260Q155P	1 Each
0.53	30	1.0	260Q298P	1 Each

Applications:

- Pesticides
- PCBs
- PAHs
- Organic acids
- Drugs
- Steroids
- EPA 608, 8081

Similar to:

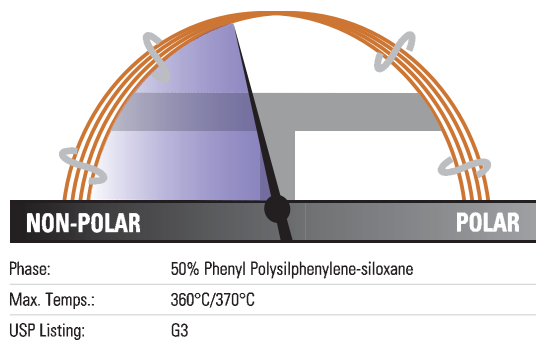
- DB-1701
- Rtx-1701
- HP-1701
- BP10
- OV-1701
- 007-1701
- CP-Sil 19 CB



TRACE TR-50MS GC Columns

Mid-polarity columns well-suited to GC/MS applications

- Mid-polarity phase, 50% phenyl polysilphenylene-siloxane
- Low bleed decreases MS contamination
- Particularly useful for applications requiring a higher temperature and more polarity than a 5% phenyl column
- Column inertness results in minimal peak tailing and decreased breakdown of sensitive samples



TRACE TR-50MS GC Columns

ID (mm)	Length (m)	Film Thickness (µm)	Cat. No.	Quantity
0.10	10	0.1	260R020P	1 Each
0.25	15	0.25	260R130P	1 Each
		0.1	260R047P	1 Each
		0.15	260R050P	1 Each
		0.25	260R142P	1 Each
		0.25	260R154P	1 Each
0.32	30	0.25	260R143P	1 Each
0.53	15	0.5	260R213P	1 Each
	30	0.5	260R225P	1 Each

Applications:

- Herbicides
- Drugs of abuse
- EPA 604, 608, 8060, 8081
- Pharmaceuticals

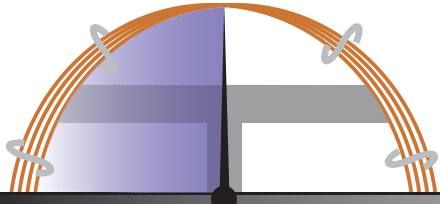
Similar to:

- | | |
|-----------|------------|
| • OV-17 | • HP-17 |
| • SP-2250 | • AT50 |
| • DB-17 | • RSL-300 |
| • DB-17ms | • PE-17 |
| • DB-17ht | • CC-17 |
| • BPX50 | • 007-17 |
| • Rtx-50 | • (MPS-50) |
| • SPB-50 | • SPB-17 |
| • HP-50+ | • ZB-50 |

TRACE TR-225 GC Columns

Reliable and reproducible performance

- Mid-polarity phase, 50% cyanopropylphenyl polysiloxane
- Low bleed even at elevated temperatures
- Outstanding robustness for difficult separations
- Manufactured to minimize risk of damage from contaminated carrier gas



NON-POLAR	POLAR
Phase: 50% Cyanopropylphenyl Polysiloxane	
Max. Temps.: 230°C / 250°C	
USP Listing: G7	

TRACE TR-225 GC Columns

ID (mm)	Length (m)	Film Thickness (µm)	Cat. No.	Quantity
0.25	15	0.25	260Y130P	1 Each
	30	0.25	260Y142P	1 Each
	60	0.25	260Y154P	1 Each
0.32	25	0.25	260Y137P	1 Each

Applications:

- Fatty Acid Methyl Esters (FAMES)
- Carbohydrates
- Neutral sterols

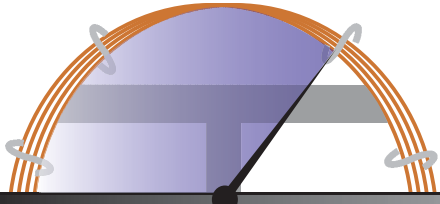
Similar to:

- DB-225
- HP-225
- RTX-225
- BP225

TRACE TR-Wax GC Columns

General-purpose, high-polarity columns

- Polar phase, polyethylene glycol
- Highly crosslinked and fully deactivated
- Solvent washable



Phase:	Polyethylene Glycol (PEG)
Max. Temps.:	260°C/280°C for films <1.0µm 240°C/260°C for 1.0µm films
USP Listing:	G16, G20

TRACE TR-Wax GC Columns

ID (mm)	Length (m)	Film Thickness (µm)	Cat. No.	Quantity
0.10	10	0.1	260W020P	1 Each
0.25	15	0.25	260W130P	1 Each
		0.25	260W142P	1 Each
		0.5	260W223P	1 Each
		1.0	260W296P	1 Each
	60	0.25	260W154P	1 Each
0.32	15	0.25	260W131P	1 Each
		0.25	260W143P	1 Each
		0.5	260W224P	1 Each
	60	1.0	260W297P	1 Each
		0.25	260W155P	1 Each
		0.5	260W236P	1 Each
0.53	60	1.0	260W309P	1 Each
		1.0	260W286P	1 Each
		0.5	260W225P	1 Each
		1.0	260W298P	1 Each
		1.0	260W310P	1 Each

Applications:

- Esters
- Alcohols
- Ketones
- Glycols
- Aromatic isomers

Similar to:

- DB-Wax
- BP20
- Rtx-Wax
- Stabilwax
- HP-20M
- HP-Wax
- HP-INNOWax
- SUPELCOWAX 10
- AT-Wax
- Nukol
- CP Wax52CB
- SUPEROX II
- Carbowax
- PE-WAX
- ZB-Wax

A full portfolio of GC accessories
can be found on



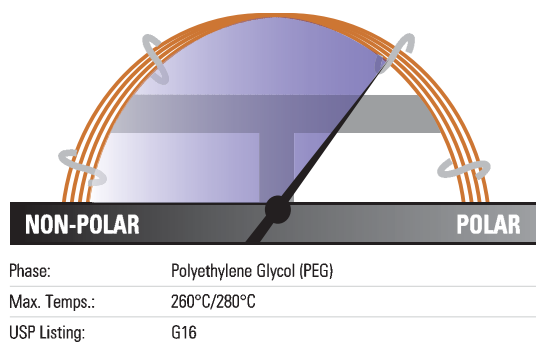
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or www.thermoscientific.com/gcconsumables

TRACE TR-WaxMS GC Columns

Feature a high-polarity phase designed for mass spectrometry detectors

- Polar phase, polyethylene glycol
- Proprietary bonding method expands operating temperatures
- Extremely low bleed improves sensitivity and library matches
- High stability with oxygen and water



TRACE TR-WaxMS GC Columns

ID (mm)	Length (m)	Film Thickness (µm)	Cat. No.	Quantity
0.10	20	0.1	260X145P	1 Each
0.25	30	0.25	260X142P	1 Each
		0.5	260X223P	1 Each
		1.0	260X296P	1 Each
		0.25	260X154P	1 Each
		0.5	260X235P	1 Each
0.32	30	0.25	260X143P	1 Each
		0.5	260X224P	1 Each
		0.25	260X155P	1 Each
		1.0	260X309P	1 Each
0.53	30	1.0	260X298P	1 Each

Applications:

- Aromatic hydrocarbons
- Food additives
- Essential oils
- Alcohols
- Esters
- Aldehydes
- Ketones

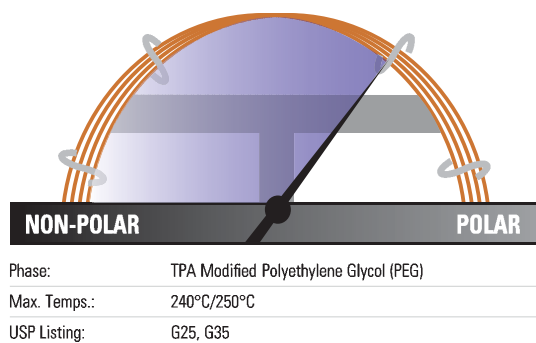
Similar to:

- DB-Wax
- Rtx-Wax
- Stabilwax
- HP-20M
- BP20
- HP-Wax
- HP-INNOWax
- SUPELCOWAX 10
- AT-Wax
- Nukol
- CP Wax 52CB
- ZB-Wax

TRACE TR-FFAP GC Columns

High-polarity phase optimized for FFAP analysis

- Polar phase, TPA modified polyethylene glycol
- Bonded FFAP phase
- Quality tested for acidic compound analysis



TRACE TR-FFAP Capillary GC Columns

ID (mm)	Length (m)	Film Thickness (µm)	Cat. No.	Quantity
0.25	15	0.25	260N130P	1 Each
	30	0.25	260N142P	1 Each
	60	0.25	260N154P	1 Each
0.32	15	0.25	260N131P	1 Each
	30	0.25	260N143P	1 Each
	50	0.5	260N230P	1 Each
0.53	15	0.5	260N213P	1 Each
	30	0.5	260N225P	1 Each
		1.0	260N298P	1 Each



TRACE TR-SimDist GC Columns

Feature a low-polarity phase for high temperature analyses

- Non-polar phase, 100% dimethyl polysiloxane
- Optimized for simulated distillation analysis
- High temperature limits
- Strongly cross-linked



NON-POLAR		POLAR	
Phase:	100% Dimethyl Polysiloxane		
Max. Temps.:	400°C for films <1.0µm 370°C for 2.65µm films		
USP Listing:	N/A		

TRACE TR-SimDist GC Columns

ID (mm)	Length (m)	Film Thickness (µm)	Cat. No.	Quantity
0.53	10	0.1	260S025P	1 Each
		0.9	260S250P	1 Each
		2.65	260S348P	1 Each

Applications:

- High molecular weight hydrocarbons
- Simulated distillation
- ASTM D2887, D6532

Similar to:

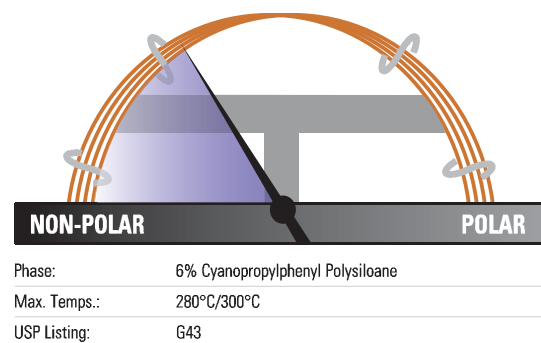
- DB-HT Sim Dis
- DB-2887
- BPX1
- Rtx-2887
- HP-1
- Petrocol 2887
- Petrocol EX2887



TRACE TR-V1 GC Columns

Mid-polarity, thick-film columns

- Mid-polarity phase, 6% cyanopropylphenyl polysiloxane
- Thick films for the analysis of volatile analytes
- Low bleed suitable for MS detection



TRACE TR-V1 GC Columns

ID (mm)	Length (m)	Film Thickness (µm)	Cat. No.	Quantity
0.18	20	1.0	260V495P	1 Each
0.25	30	1.4	260V332P	1 Each
	60	1.4	260V333P	1 Each
0.32	30	1.8	260V339P	1 Each
	60	1.8	260V341P	1 Each
0.53	30	3.0	260V396P	1 Each
		5.0	260V470P	1 Each

Applications:

- Volatile organics
- Alcohols
- EPA 502.2, 608 and 624

Similar to:

- DB-624
- BPX volatiles
- Rtx volatiles
- VOCOL 56
- OV-624
- AT-624
- HP-VOC
- CP-Select 624CB
- 007-624
- ZM-624

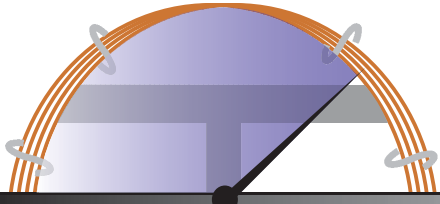
Search thousands of applications
in our chromatography resource center
www.thermoscientific.com/crc



TRACE TR-FAME GC Columns

High-polarity phase optimized for FAME analysis

- Polar phase, 70% cyanopropyl polysilphenylene-siloxane
- High operating temperature compared to competitor columns
- Low bleed for mass spectrometry use



Phase:	70% Cyanopropyl Polysilphenylene-siloxane
Max. Temps.:	250°C/260°C
USP Listing:	N/A

TRACE TR-FAME GC Columns

ID (mm)	Length (m)	Film Thickness (μm)	Cat. No.	Quantity
0.10	10	0.2	260M096P	1 Each
	25	0.25	260M135P	1 Each
0.22	30	0.25	260M141P	1 Each
	50	0.25	260M147P	1 Each
	60	0.25	260M153P	1 Each
	120	0.25	260M166L	1 Each
0.25	30	0.25	260M142P	1 Each
	60	0.25	260M154P	1 Each
	120	0.25	260M166L	1 Each
0.32	25	0.25	260M137P	1 Each
	30	0.25	260M143P	1 Each
	50	0.25	260M149P	1 Each
	60	0.25	260M155P	1 Each

Applications:

- Fatty Acid Methyl Esters (FAMEs)
- FAMEs Cis/Trans Isomers

Similar to:

- DB-23
- BPX70
- Rtx-2330
- SP-2330
- CP-Sil 88
- SP-2380
- HP-23
- VF-23ms
- 007-23
- AT-Silar
- PE-23

TRACE GC Columns for Specific EPA Methods

Low bleed and temperature-stable performance tailored to specific EPA methodologies

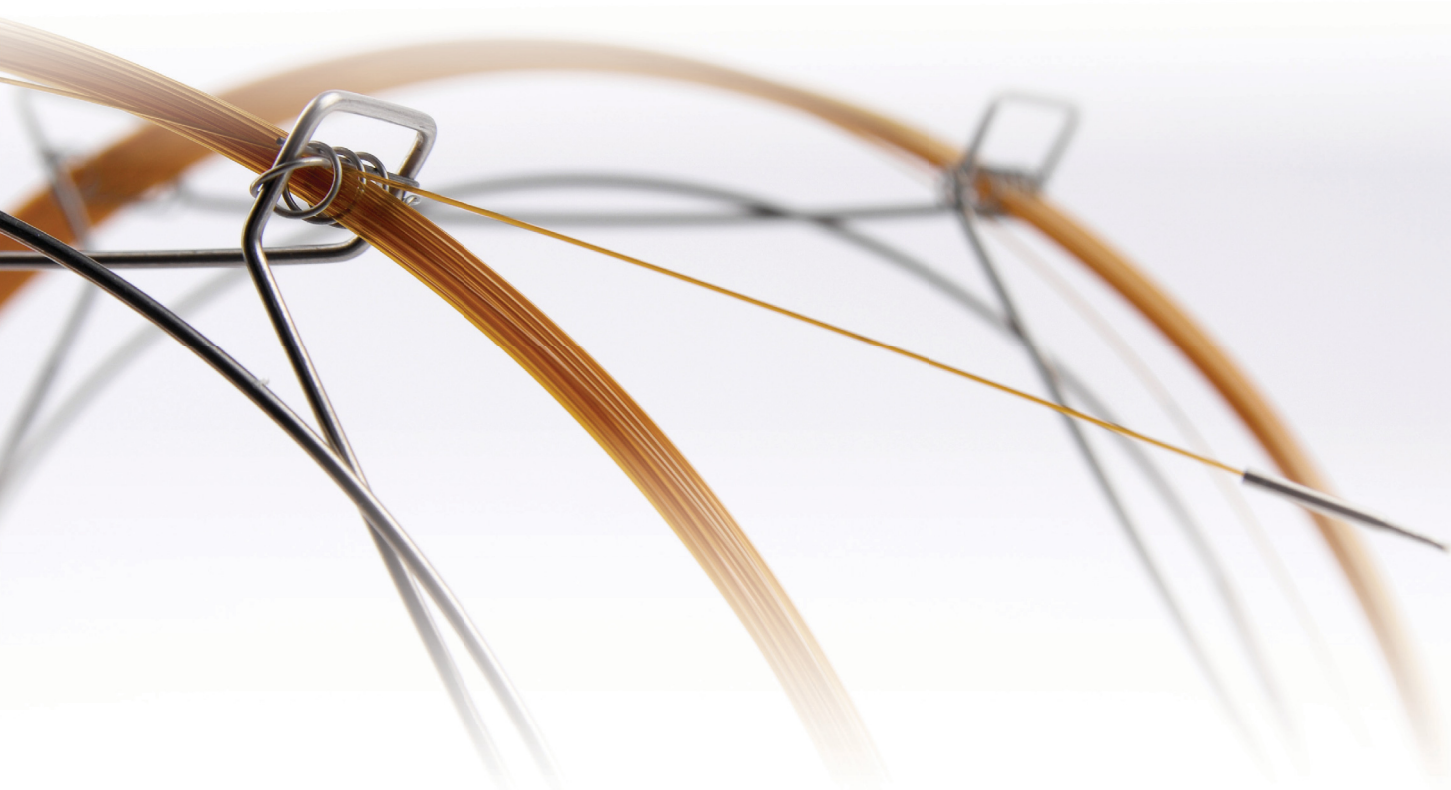
- TRACE TR-524 and TRACE TR-525 Columns: US EPA Drinking Water Test Methods 524 or 525
- TRACE TR-527 Columns: US EPA Drinking Water Test Method 527, features the robust, low-bleed performance required for analysis of pesticides and flame retardants
- TRACE TR-8270 Columns: US EPA Solid Waste Test Method 8270
- TRACE TR-8095 Columns: US EPA Method 8095 for Explosives Testing featuring high max temperature and low surface activity

TRACE GC Columns for Specific EPA Methods

Phase	ID (mm)	Length (m)	Film Thickness (µm)	Cat. No.	Quantity
TR-524	0.18	20	1.0	26RV495P	1 Each
TR-525	0.25	30	0.25	26RX142P	1 Each
TR-527	0.25	30	0.25	26RF142P	1 Each
TR-8095	0.32	12	0.25	260P123P	1 Each
TR-8270	0.25	30	0.5	26RF223P	1 Each
TR-8270	0.25	30	1.0	26RF296P	1 Each

Applications:

- Volatile Organic Compounds (VOCs)
- Pesticides
- Flame retardants
- Explosives



TRACE GC Columns for Dioxin and PCB Analysis

Designed to meet the requirements of high resolution GC/MS methods

- TRACE TR-Dioxin 5MS Columns; Specifically designed for Dioxin and Furan testing
- Wide coverage of the 17 congeners with the highest toxicological significance
- TRACE TR-PCB 8MS Columns; meets the requirements for HR GC-MS analysis of PCBs
- Low bleed

TRACE GC Columns for Specific EPA Methods

Phase	ID (mm)	Length (m)	Film Thickness (µm)	Cat. No.	Quantity
TR-PCB 8MS	0.25	50	0.25	26AJ148P	1 Each
TR-Dioxin 5MS	0.25	60	0.25	26AF154P	1 Each
TR-Dioxin 5MS	0.25	30	0.1	26AF047P	1 Each
TR-Dioxin 5MS	0.25	60	0.1	26AF059P	1 Each

Applications:

- Dioxins (PCDDs)
- Furans (PCDFs)
- PCB congeners

Application Kits for Screening and Confirmation of Persistent Organic Pollutants (POPs)

Persistent Organic Pollutants (POPs) Screening Kit

Description	Cat. No.	Quantity
Persistent Organic Pollutants (POPs) Screening Kit	TS-MKITG501	1 Each
Containing the following:		
TRACE TR-Dioxin 5MS GC Column 30m x 0.25mm x 0.10µm	26AF047P	1 Each
S/SL Injector – BTO Septa 17mm Diameter	31303211	50 Pack
S/SL Injector – Split/Splitless Liner, 5mm ID x 8mm OD x 105mm Length	45350033	5 Pack
S/SL Injector – Silver Seals	29033629	10 Pack
S/SL Injector – Graphite Liner Seals	29033406	10 Pack
S/SL Injector – Graphite Ferrules for 0.25mm ID Column	29053488	10 Pack
MS Interface – Graphite/Vespel Ferrules for 0.25mm ID Column	29033496	10 Pack
1.1mL Screw Top Tapered Vial, Clear Gold Grade Glass	1.1-STVG	500 Pack
8mm Screw Caps with Pre-fitted Silicone/PTFE Seal	8-SC-ST15	500 Pack
10µL Fixed Needle Syringe, 50mm Length, 25 Gauge, Cone Needle	36500525	1 Each

Persistent Organic Pollutants (POPs) Confirmation Kit

Description	Cat. No.	Quantity
Persistent Organic Pollutants (POPs) Confirmation Kit	TS-MKITG502	1 Each
Containing the following:		
TRACE TR-Dioxin 5MS GC Column 60m x 0.25mm x 0.25µm	26AF154P	1 Each
S/SL Injector – BTO Septa 17mm Diameter	31303211	50 Pack
S/SL Injector – Split/Splitless Liner, 5mm ID x 8mm OD x 105mm Length	45350033	5 Pack
S/SL Injector – Silver Seals	29033629	10 Pack
S/SL Injector – Graphite Liner Seals	29033406	10 Pack
S/SL Injector – Graphite Ferrules for 0.25mm ID Column	29053488	10 Pack
MS Interface – Graphite/Vespel Ferrules for 0.25mm ID Column	29033496	10 Pack
1.1mL Screw Top Tapered Vial, Clear Gold Grade Glass	1.1-STVG	500 Pack
8mm Screw Caps with Pre-fitted Silicone/PTFE Seal	8-SC-ST15	500 Pack
10µL Fixed Needle Syringe, 50mm Length, 25 Gauge, Cone Needle	36500525	1 Each

TRACE TR-BioDiesel GC Columns

Designed for use in carbon neutral fuels development applications

- TRACE TR-BioDiesel (M) Columns; for determination of residual methanol content in Biodiesel according to EN method 14110
- TRACE TR-BioDiesel (G) Columns; for the analysis of total glyceride content according to EN method 14105
- TRACE TR-BioDiesel (F) Columns; for the analysis of FAME content in biodiesel according to EN method 14103
- TRACE TR-BioDiesel (G) ASTM Columns; for the analysis of total glyceride content according to ASTM method D-6584
- Specific columns developed for the determination of methanol, FAMES or glycerides

Applications:

- Biodiesel
- ASTM D-6584
- EN14214

TRACE TR-BioDiesel GC Columns

Phase	ID (mm)	Length (m)	Film Thickness (µm)	Cat. No.	Quantity
TR-BioDiesel (M)	0.32	30	3.0	26AA395P	1 Each
TR-BioDiesel (G)	0.32	10	0.1	26AF024P	1 Each
TR-BioDiesel (F)	0.25	30	0.25	26AX142P	1 Each
TR-BioDiesel (G) ASTM	0.32	10	0.1	26RF024P	1 Each



TRACE GC Columns for Drugs of Abuse

Specifically designed for the analysis of common drugs of abuse

- TRACE TR-DoA 5MS Columns; widely used for the analysis and determination of a range of toxicological target compounds including amphetamines, codeine and morphine
- TRACE TR-DoA 35MS Columns; the recommended column for use in drug testing labs for the confirmation of THC

TRACE GC Columns for Drugs of Abuse

Phase	ID (mm)	Length (m)	Film Thickness (µm)	Cat. No.	Quantity
TR-DoA35	0.20	15	0.33	26AC497P	1 Each
TR-DoA5	0.25	15	0.25	26AF130P	1 Each

Drugs of Abuse / Toxicology Screening Kit

Description	Cat. No.	Quantity
Drugs of Abuse / Toxicology Screening Kit	60181-741	1 Each
Containing the following:		
TRACE TR-DoA 5MS GC Column 15m x 0.25mm x 0.25µm	26AF130P	1 Each
TRACE TR-DoA 35MS GC Column 15m x 0.20mm x 0.33µm	26AC497P	1 Each
S/SL Injector – BTO Septa 17mm Diameter	31303211	50 Pack
S/SL Injector – Split/Splitless Liner, 5mm ID x 8mm OD x 105mm Length	45350033	5 Pack
S/SL Injector – Graphite Ferrules for 0.25mm ID Column	29053488	10 Pack
MS Interface – Graphite/Vespel Ferrules for 0.25mm ID Column	29033496	10 Pack
S/SL Injector – Deactivated Glass Wool 10g	60180-785	1 Each
2mL Screw Top Vials, Amber with PTFE/Red Rubber Seal	60180-565	100 Pack
250µL Glass Inserts with Rubber Polyspring	60180-566	100 Pack
10µL Gas Tight Syringe, Fixed Needle, 50mm Length, 23 Gauge, Cone Needle	365D3741	1 Each
HyperSep Verify-CX SPE Columns 200mg 10mL	60108-742	50 Pack

Applications:

- Amphetamines, codeine and morphine
- Carboxy-THC

TRACE GC Columns for Pesticides

Specifically designed and tested for analysis of pesticides

- Low bleed decreases MS contamination
- Particularly useful for applications requiring a higher temperature
- Column inertness results in minimal peak tailing and decreased breakdown of sensitive samples

Applications:

- Organophosphate pesticides
- Organochlorine pesticides
- Pyrethroid pesticides
- Herbicides

TRACE GC Columns for Pesticides

Phase	ID (mm)	Length (m)	Film Thickness (μm)	Guard	Cat. No.	Quantity
TR-Pesticide	0.25	30	0.25	5m guard column attached	26RF142F	1 Each
TR-Pesticide II	0.25	30	0.25	5m guard column attached	26RD142F	1 Each
TR-Pesticide III	0.25	30	0.25	5m guard column attached	26RC142F	1 Each
TR-Pesticide IV	0.25	30	0.25	—	26RC142P	1 Each



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Application Kits for Pesticide Analysis

Pesticide (S/SL Installation) Application Kit

Description	Cat. No.	Quantity
Pesticide (S/SL Installation) Application Kit	60181-730	1 Each
Containing the following:		
TRACE TR-Pesticide II GC Column 30m x 0.25mm x 0.25µm + 5m Guard Column	26RD142F	1 Each
Deactivated Silica Guard Column 0.53mm ID x 2m Length	26060375	1 Each
SilTite Column Connector (0.1-0.25mm to 0.1-0.53mm)	290MU498	1 Each
SilTite Ferrules 0.53mm Column ID	290MF231	10 Pack
S/SL Injector – Split/Splitless Deactivated Liner 3mm ID x 8mm OD x 105mm Length	453T2121	5 Pack

Pesticide (S/SL Consumables) Application Kit

Description	Cat. No.	Quantity
Pesticide (S/SL Consumables) Application Kit	60181-732	1 Each
Containing the following:		
TRACE TR-Pesticide II GC Column 30m x 0.25mm x 0.25µm + 5m Guard Column	26RD142F	2 Pack
Deactivated Silica Guard Column 0.53mm ID x 2m Length	26060375	10 Pack
SilTite™ Column Connector (0.1-0.25mm to 0.1-0.53mm)	290MU498	2 Pack
SilTite Ferrules 0.53mm Column ID	290MF231	30 Pack
SilTite Ferrules 0.25mm Column ID	290MF229	30 Pack
S/SL Injector – Split/Splitless Deactivated Liner 3mm ID x 8mm OD x 105mm Length	453T2121	25 Pack

Pesticide (PTV Installation) Application Kit

Description	Cat. No.	Quantity
Pesticide (PTV Installation) Application Kit	60181-731	1 Each
Containing the following:		
TRACE TR-Pesticide II GC Column 30m x 0.25mm x 0.25µm + 5m Guard Column	26RD142F	1 Each
Deactivated Silica Guard Column 0.53mm ID x 2m Length	26060375	1 Each
SilTite Column Connector (0.1-0.25mm to 0.1-0.53mm)	290MU498	2 Pack
SilTite Ferrules 0.53mm Column ID	290MF231	10 Pack
PTV Injector – Deactivated Baffle Liner 2mm ID x 2.75mm OD x 120mm Length	453T2120	5 Pack

Pesticide (PTV Consumables) Application Kit

Description	Cat. No.	Quantity
Pesticide (PTV Consumables) Application Kit	60181-733	1 Each
Containing the following:		
TRACE TR-Pesticide II GC Column 30m x 0.25mm x 0.25µm + 5m Guard Column	26RD142F	2 Pack
Deactivated Silica Guard Column 0.53mm ID x 2m Length	26060375	10 Pack
SilTite Column Connector (0.1-0.25mm to 0.1-0.53mm)	290MU498	2 Pack
SilTite Ferrules 0.53mm Column ID	290MF231	30 Pack
SilTite Ferrules 0.25mm Column ID	290MF229	30 Pack
PTV Injector – Deactivated Baffle Liner 2mm ID x 2.75mm OD x 120mm Length	453T2120	25 Pack