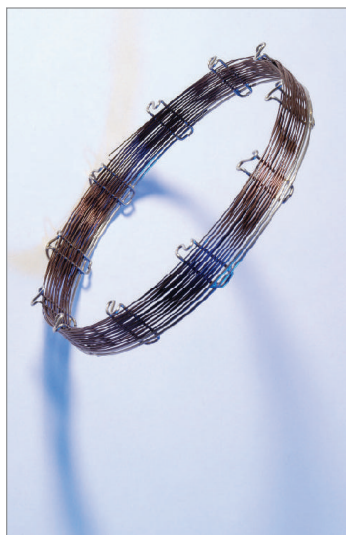


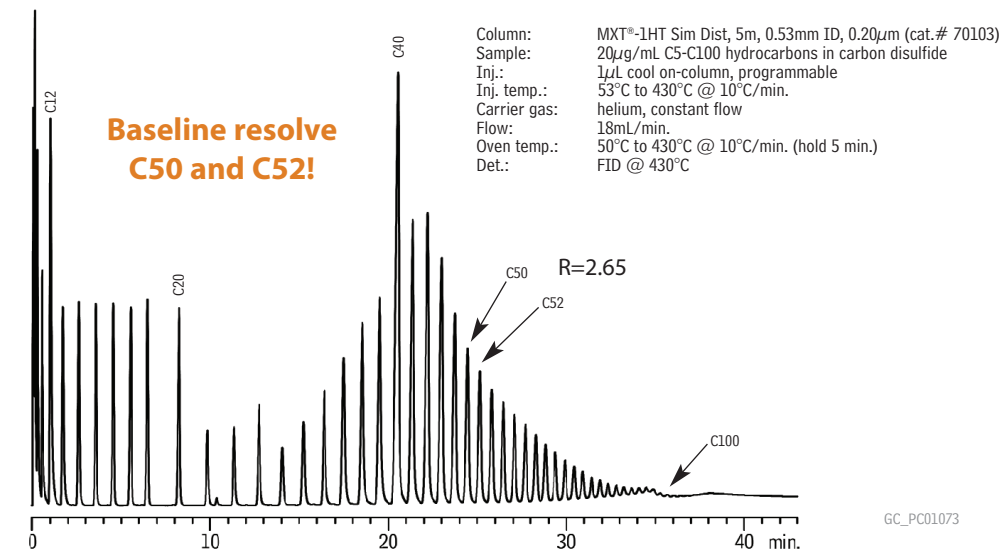
NEW! MXT[®]-1HT Sim Dist Capillary Column



- Exceptionally low bleed at **430°C**, for more reproducible results and longer column lifetimes.
- Meets ASTM method D6352 requirements—including resolution of C50 and C52.
- Siltek[®] deactivated; highly inert sample path improves accuracy.

Rugged MXT[®]-1HT Sim Dist columns are a cost-effective alternative to fused silica columns for high temperature simulated distillation. These metal columns are stable up to 430°C, resulting in low bleed, outstanding run-to-run reproducibility, and longer column lifetimes. These columns meet all ASTM D6352 requirements, including the resolution of C50 and C52 (Figure 1). Additionally, unlike other metal columns, MXT[®]-1HT Sim Dist columns are Siltek[®] deactivated, resulting in a highly inert surface that prevents interactions between analytes and active metal surfaces. MXT[®]-1HT Sim Dist columns are more stable at 430°C than fused silica columns and are an ideal alternative for high temperature simulated distillation.

Figure 1 MXT[®]-1HT Sim Dist columns provide baseline resolution of extended range hydrocarbons and are stable to 430°C.



Available in Canada from:



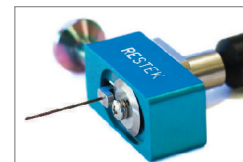
CHROMATOGRAPHIC SPECIALTIES INC.

www.chromspec.com
 sales@chromspec.com
 1-800-267-8103

MXT[®]-1HT Sim Dist Column
 (Siltek[®] treated stainless steel)

ID	df (μ m)	temp. limits	5-Meter
0.53mm	0.10	-60 to 430°C	70100
	0.20	-60 to 400/430°C	70103

Simple Solutions:
 Perfect cuts every time with
 the Restek tubing scorer!
See reverse.



Chromatography Products

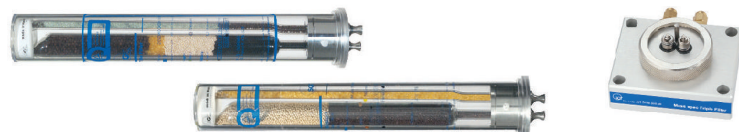
www.restek.com 800-356-1688 • 814-353-1300

Application Tips for High Temperature Analyses

High temperature analytical methods are extremely sensitive to carrier gas impurities, such as moisture, hydrocarbons, and oxygen. Always use traps to remove contaminants and purify carrier gas. Frequently checking connections and injection system fittings for leaks, using an electronic leak detector, is another important way to ensure optimal system performance. Protect your analytical system with quality products from Restek.

Restek Super-Clean Gas Filter Kits and Replacements

- High-purity output ensures 99.9999% pure gas (at max. flow of 2L/min.).
- “Quick connect” fittings for easy, leak-tight cartridge changes.
- Glass inside to prevent diffusion; polycarbonate housing outside for safety.
- All traps measure 10⁵/₈" x 1³/₄" (27 x 4.4 cm).
- Each base plate unit measures 4" x 4" x 1⁷/₈" (10.2 x 10.2 x 4.8 cm).



Description	qty.	cat.#
Carrier Gas Cleaning Kit (includes mounting base plate, 1/8" inlet/outlet fittings, and oxygen/moisture/hydrocarbon Triple Gas Filter)	kit	22019
Fuel Gas Purification Kit (includes mounting base plate, 1/8" inlet/outlet fittings, and hydrocarbon/moisture Fuel Gas Filter)	kit	22021
Replacement Triple Gas Filter (removes oxygen, moisture and hydrocarbons)	ea.	22020
Replacement Fuel Gas Filter (removes moisture and hydrocarbons)	ea.	22022

Graphite Ferrules

- Preconditioned to eliminate out-gassing.
- High-purity, high-density graphite.
- Smoother surface and cleaner edges than conventional graphite ferrules.
- Contain no binders that can off-gas or adsorb analytes.
- Stable to 450°C.



Ferrule ID	Fits Column ID	qty.	Vespel	Graphite	Vespel/Graphite
0.8mm	0.45/0.53mm	10-pk.	22216	20202	20213
0.8mm	0.45/0.53mm	50-pk.	—	20224	20230

Restek Electronic Leak Detector

Features & Benefits include:

- Optimized sample flow path.
- New ergonomic, hand-held design.
- Rugged side grips for added durability.
- Handy probe storage for cleanliness and convenience.
- Longer lasting battery, up to 6 hours of continuous use.
- Automatic shut-off.
- A convenient carrying and storage case.
- Easy to clean probe assembly.
- A universal charger set (US, European, UK, and Australian plugs included).



Description	qty.	cat.#
Leak Detector with Universal Charger Set (US, UK, European, Australian)	ea.	22839
Soft-Side Carry/Storage Case	ea.	22657
Small Probe Adaptor	ea.	22658

Polywax Standards

These high molecular weight hydrocarbon waxes are useful for simulated distillation and other high-temperature GC work.

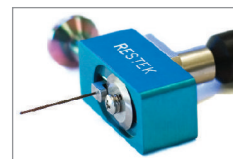


Compound	Solvent	Conc.	cat.# (ea.)
Polywax 500	Neat	1g	36224
Polywax 655	Neat	1g	36225
Polywax 850	Neat	1g	36226
Polywax 1000	Neat	1g	36227

No data pack available.

Restek Tubing Scorer for MXT® Columns

- Makes perfect cuts every time.
- Easy to use.
- Leaves column entrance perfectly round.



Simple Solutions:
Perfect cuts every time!

Description	qty.	cat.#
Restek Tubing Scorer for MXT Columns (0.25-0.53mm ID & 0.5-0.8mm OD)	ea.	20523
Replacement Scoring Wheel	ea.	20522

{Leak Detector Facts

Detectable gases: helium, nitrogen, argon, carbon dioxide, hydrogen*
 Battery: Rechargeable Ni-MH internal battery pack (6 hours normal operation)
 Operating Temperature Range: 32°-120°F (0°-48°C)
 Humidity Range: 0-97%
 Warranty: one year
 Certifications: CE, Japan
 Compliance: WEEE, RoHS }

*Caution: The Restek Electronic Leak Detector is designed to detect trace amounts of hydrogen in a noncombustible environment. It is NOT designed for determining leaks in a combustible environment. A combustible gas detector should be used for determining combustible gas leaks under any condition. The Restek Electronic Leak Detector may be used for determining trace amounts of hydrogen in a GC environment only.



Lit. Cat.# PCTS1133

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