Save a Life

(and your budget too!)

Extend instrument lifetime and reduce downtime for repairs.

See page 5 for details.



USP Residual Solvents Standards

We have them on hand and ready to ship within 24 hours.

See page 10 for details.



Subscribe online! www.restek.com/essentials

What's New!

| PLOT Columns | 4 |
|---------------------------------------|----|
| Swagelok® Fittings | 6 |
| 7890 EZ Twist Top™ | 8 |
| Canister Cleaning System | 12 |
| Melamine & Related Analog Standards | 10 |
| Great Saving | s! |
| Rxi® GC Columns | 2 |
| FREE Base Plate | 7 |
| Explosives Reference Materials | 11 |
| FREE Tedlar Bags | 12 |
| HPLC Detector Lamps | 14 |
| \$500 OFF Generators | 16 |





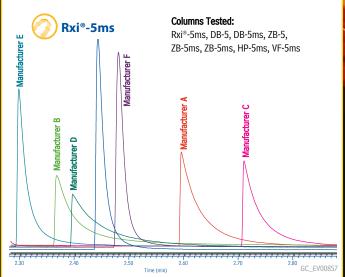
Rxi[®] 3-in-1 Technology

Highest Inertness • Lowest Bleed • Exceptional Reproducibility

Offer expires June 30, 2009

Highest Inertness

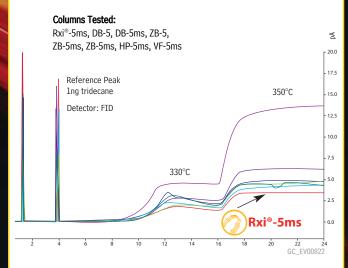
Excellent peak symmetry gives maximum response and predictable retention times for active compounds at trace levels.



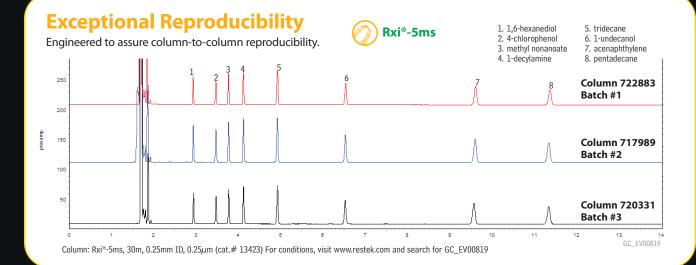
Column: Rxi®-5ms. 30m. 0.25mm ID. 0.25um (cat.# 13423) For conditions, visit www.restek.com and search for GC_EV00857

Lowest Bleed

More stable at higher temperatures than other manufacturer's columns, for better accuracy and lower detection limits.



Column: Rxi®-5ms, 30m, 0.25mm ID, 0.25µm (cat.# 13423) For and conditions, visit www.restek.com and search for GC EV00822



Make the Switch to Rxi columns!

Rxi® Equivalency

| Rxi®-5ms | Rxi®-5Sil MS | Rxi®-1ms |
|---------------|--|---|
| Rtx-5 | Rtx-5Sil MS | |
| HP-5, HP-5ms, | | HP-1, HP-1ms, |
| DB-5, Ultra-2 | DB-5ms | DB-1, DB-1ms |
| | VF-5ms, | VF-1ms, |
| CP-Sil 8 CB | CP-Sil 8 CB LB/MS | CP-Sil 5 CB LB/MS |
| AT-5 | AT-5ms | AT-1 |
| ZB-5 | ZB-5ms | ZB-1, ZB-1MS |
| | Rtx-5 HP-5, HP-5ms, DB-5, Ultra-2 CP-Sil 8 CB AT-5 | Rtx-5 Rtx-5Sil MS HP-5, HP-5ms, DB-5ms DB-5, Ultra-2 DB-5ms VF-5ms, CP-Sil 8 CB LB/MS AT-5 AT-5ms |



phases available

- Rxi®-1ms
- Rxi®-35Sil MS
- Rxi®-5ms
- Rxi®-17
- Rxi®-5Sil MS
- Rxi®-XLB
- Rxi® guard/retention gap columns

Rxi®-1ms Columns (fused silica)

(Crossbond® 100% dimethyl polysiloxane) Temp. range: -60°C to 330/350°C

| Description | cat.# | list price | sale price |
|-----------------------------|-----------|------------|------------|
| 0.25mm ID, 0.25µm, 30-Meter | 13323-R25 | | |
| 0.25mm ID, 0.25µm, 60-Meter | 13326-R25 | | |
| 0.32mm ID, 0.25µm, 30-Meter | 13324-R25 | | |
| 0.32mm ID, 1.00µm, 30-Meter | 13354-R25 | | |
| 0.32mm ID, 1.00µm, 60-Meter | 13357-R25 | | |

Rxi®-5ms Columns (fused silica)

(Crossbond® 5% diphenyl/95% dimethyl polysiloxane) Temp. range: -60°C to 330/350°C

| Description | cat.# | list price | sale price |
|-----------------------------|-----------|------------|------------|
| 0.25mm ID, 0.25µm, 30-Meter | 13423-R25 | | |
| 0.25mm ID, 0.25µm, 60-Meter | 13426-R25 | | |
| 0.25mm ID, 0.50µm, 30-Meter | 13438-R25 | | |
| 0.25mm ID, 1.00µm, 30-Meter | 13453-R25 | | |
| 0.32mm ID 0.25µm 30-Meter | 13424-R25 | | |

Rxi®-5Sil MS Columns (fused silica)

(Crossbond®, selectivity close to 5% diphenyl/95% dimethyl polysiloxane) Temp. range: -60°C to 350°C

| cat.# | list price | sale price |
|-----------|--|--|
| 13623-R25 | | |
| 13626-R25 | | |
| 13638-R25 | | |
| 13697-R25 | | |
| 13639-R25 | | |
| | 13623-R25 13626-R25 13638-R25 13697-R25 | 13623-R25 13626-R25 13638-R25 13697-R25 |

Offer expires June 30, 2009

visit www.restek.com/rxi for a complete Rxi® product listing

Lowest Bleed & Most Stable Bonded Carbowax® Column Available!



Stabilwax® Columns

(Crossbond® Carbowax® polyethylene glycol)

- Excellent inertness for active compounds.
- 260°C maximum operating temperature.

| ID | df (µm) | temp. limits | length | cat. # | price |
|--------|---------|-----------------|----------|--------|-------|
| 0.25mm | 0.25 | 40 to 250/260°C | 30-Meter | 10623 | |
| 0.32mm | 0.25 | 40 to 250/260°C | 30-Meter | 10624 | |
| 0.32mm | 0.50 | 40 to 250/260°C | 30-Meter | 10639 | |
| 0.32mm | 1.00 | 40 to 240/260°C | 30-Meter | 10654 | |
| 0.53mm | 1.00 | 40 to 240/260°C | 30-Meter | 10655 | |

Stabilwax® Structure





Guaranteed column-to-column reproducibility

Visit www.restek.com for a complete listing of Stabilwax® Columns.



New Stabilized PLOT Columns

Minimize Particle Release— Safe for Deans Switching Applications

Restek has developed new procedures to manufacture PLOT columns with concentric stabilized adsorption layers. The new generation PLOT columns show a constant flow behavior and have significantly improved mechanical stability, resulting in easier operation, more reproducible retention times, and reduced particle release.



| ID | df (µm) | temp. limits | 15-Meter | 30-Meter |
|--------|---------|--------------|----------|----------|
| 0.32mm | 10 | to 300/320°C | 19743 | 19744 |
| 0.53mm | 20 | to 300/320°C | 19741 | 19742 |

Rt®-QS-BOND Columns (fused silica PLOT) porous divinyl benzene homopolymer

| ID | df (µm) | temp. limits | 15-Meter | 30-Meter | |
|--------|---------|--------------|----------|----------|--|
| 0.32mm | 10 | to 250°C | 19739 | 19740 | |
| 0.53mm | 20 | to 250°C | 19737 | 19738 | |

Rt®-S-BOND Columns (fused silica PLOT) divinylbenzene 4-vinylpyridine

| ID | df (µm) | temp. limits | 15-Meter | 30-Meter | |
|--------|---------|--------------|----------|----------|--|
| 0.32mm | 10 | to 250°C | 19747 | 19748 | |
| 0.53mm | 20 | to 250°C | 19745 | 19746 | |

Rt®-U-BOND Columns (fused silica PLOT)

divinylbenzene ethylene glycol/dimethylacrylate

| ID | df (µm) | temp. limits | 15-Meter | 30-Meter | |
|--------|---------|--------------|----------|----------|--|
| 0.32mm | 10 | to 190°C | 19751 | 19752 | |
| 0.53mm | 20 | to 190°C | 19749 | 19750 | |

Rt®-Alumina BOND Columns (fused silica PLOT) (Na₂SO₄ deactivation)

| ID | df (µm) | temp. limits | 30-Meter | 50-Meter |
|--------|---------|--------------|----------|----------|
| 0.32mm | 5 | to 200°C | 19757 | 19758 |
| 0.53mm | 10 | to 200°C | 19755 | 19756 |

Rt®-Msieve 5A Columns (fused silica PLOT)

| ID | df (µm) | temp. limits | 15-Meter | 30-Meter |
|--------|---------|--------------|----------|----------|
| 0.32mm | 30 | to 300°C | 19720 | 19722 |
| 0.53mm | 50 | to 300°C | 19721 | 19723 |

MXT®-Msieve 5A (Siltek®-treated stainless steel PLOT)

| ID | df (µm) | temp. limits | 30-Meter |
|--------|---------|--------------|----------|
| 0.53mm | 50 | to 300°C | 79723 |



advanced technology



Got Sulfur?

Sulfinert® treated sample cylinders

- Stable storage of sulfur and mercury at ppb levels
- Inert coating doesn't flake; more durable than Teflon®
- DOT rated to 1,800 or 5,000 psi.

www.restek.com/air



GC Accessories

Save a Life

(and your budget too!)

Extend instrument lifetime instead of buying new equipment.

You'll save money and keep your LCs and GCs running smoothly for years to come with replacement parts, tools, kits, and protective products from Restek.

- Get more for your money! Original manufacturer component performance-at a fraction of the cost.
- Make Life Easier! Reduce downtime and simplify maintenance with Restek tools and kits.
- Cut costs, not corners! Protect your instrument with top quality filters, guards, and more.

Stock up on the supplies you need at

www.restek.com/savealife





We stock a full line of parts no longer available from the manufacturer.



Catch the Buzz







Environmental



Foods



Forensics



Pharma



Petro

Register for free chromatography e-newsletters at www.restek.com/buzz





No more burned fingers!

The Claw & Holder Kit





- · Easily removes hot liners from injection ports.
- 4mL vials (not included) can be changed out and disposed of when dirty.

Never again will you have to burn your fingers removing a hot injection port liner. The Claw safely and cleanly removes liners, O-rings, or other small objects from the injection port. You can then place the hot objects in a clean 4mL vial situated in the Claw holder until ready for reuse.

| Description | qty. | cat. # | price |
|--|---------|--------|-------|
| The Claw | ea. | 26261 | |
| The Claw Holder Kit (includes The Claw and holder) | kit | 26262 | |
| 4.0mL Clear Vial, White Graduated Marking Spot | 100-pk. | 24658 | |

Hot Swap Capillary Column Nuts

Never worry again about burned fingers or having to wait for the injector to cool down. Now the Hot Swap Capillary Column Nut allows you to change your capillary column while the injector temp is still hot.

| Description | qty. | cat.# | price |
|--|------|-------|-------|
| For use with "compact" Agilent-style ferrules. | | | |
| Hot Swap Capillary Column Nut | ea. | 22348 | |
| For use with standard 1/16"-type ferrules. | | | |
| Hot Swap Capillary Column Nut | ea. | 22347 | |

NOTE: For proper operation, oven fan must be kept operational during change out or risk of burn may occur.

Swagelok® Fittings

Restek now carries a complete line of standard and coated Swagelok® fittings!



Save over 40% by purchasing one of our new Swagelok® stainless steel or brass fittings kits!

Visit us at **www.restek.com** for more information.



Super-Clean Gas Filter and Base Plate Kit

FREE Base Plate

with purchase of 2 triple filters

Buy 2 triple filters and get a base plate FREE!

- Save over \$200.
- Filters provide 99.9999% pure gas.
- Quick connect fittings for easy, leak-tight filter changes.
- Traps measure $10^{5}/8$ " x $1^{3}/4$ " (27 x 4.4 cm).
- Base plate unit measures 4" x 4" x $1^{7}/_{8}$ " (10.2 x 10.2 x 4.8 cm).
- Base plate includes 1/8" brass fittings.

| Description | qty. | cat.# | sale price |
|---|------|-----------|------------|
| Restek Exclusive Triple Filter Kit: includes 2 triple | | | |
| filters & free base plate | kit | 22859-409 | |

Offer valid through Dec. 31, 2009.
Cannot be combined with other offers or discounts.





Get Super-Clean!

For a complete listing of our Super-Clean Gas Filters and Base Plates, visit www.restek.com

Dual Vespel® Ring Inlet Seals

for Agilent GCs

NEVER USE A WASHER AGAIN!

Restek's patented Dual Vespel® Ring Inlet Seals offer a washerless, leak-tight seal and helps improve your inlet seal performance at the same price!

| 0.8mm ID Dual Vespel Ring Inlet Seal | 2-pk./price | 10-pk./price |
|--------------------------------------|-------------|--------------|
| Gold-Plated | 21240 | 21241 |
| Siltek Treated | 21242 | 21243 |
| Stainless Steel | 21238 | 21239 |
| 1.2mm ID Dual Vespel Ring Inlet Seal | 2-pk./price | 10-pk./price |
| Gold-Plated | 21246 | 21247 |
| Siltek Treated | 21248 | 21249 |
| Stainless Steel | 21244 | 21245 |



Visit **www.restek.com** for all the features and benefits of this Restek innovation.

<u>damag</u>ed



EZ Twist Top™ Split/Splitless Injection Port

for Agilent 7890 GCs

- Change inlet liners faster, easier, and eliminate touching hot surfaces.
- Gas lines are attached to shell weldment bottom instead of the top.
- · Gas lines don't interfere with routine maintenance.
- Weldment Removal Tool allows for removal of hot weldment without fingers touching hot surfaces.
- · Weldment stays secure in the tool for reattachment.
- Eliminates kinked or broken gas lines.
- · Available for all Agilent GC models.





EZ Twist Top™ Split/Splitless Injection Port for Agilent 7890 GCs

| Description | qty. | cat.# | price |
|--|------|-------|-------|
| Injection port assembly kit includes: shell weldment, 2 weldment O-rings, Siltek Dual Vespel Ring inlet seal, septum nut, reducing nut, stainless steel | | | |
| capillary nut and weldment tool | kit | 22177 | |
| Siltek injection port assembly kit includes: Siltek shell weldment, 2 weldment O-rings, | | | |
| Siltek Dual Vespel Ring inlet seal, septum nut, reducing nut, stainless steel capillary nut and weldment tool | kit | 22178 | |

The EZ Twist Top™ and replacement parts are available for all Agilent Injection Ports. For more information, visit **www.restek.com** and search for EZ Twist Top™



Not available in

Germany or Japan.

Inlet Liners

We have what you need!

Restek carries a complete line of instrument specific liners. Visit us online under GC Accessories to view our liners for Agilent, Shimadzu, PerkinElmer, Thermo Scientific, and Varian GCs.

Visit www.restek.com/liners for a complete listing of inlet liners available.





Sample Preparation

QuEChERS

Quick, Easy, Cheap, Effective, Rugged and Safe!

SPE Tubes for pesticide residue analysis from food procucts

- Fast, simple sample extraction and cleanup using dSPE.
- Fourfold increases in sample throughput.
- Fourfold decreases in material cost.
- Convenient, ready to use centrifuge tubes with ultra pure, preweighed adsorbent mixes.



| Description | Material | Methods | qty. | cat# | price |
|----------------|---|---------------------|---------|-------|-------|
| 50mL Centrifug | e Tubes for Sample Extraction | | | | |
| | 4g MgSO ₄ , 1g NaCl, 1g trisodium citrate dihydrate, | Mini-Multiresidue, | | | |
| Resprep Q110 | .5g disodium hydrogencitrate sesquihydrate | European prEN-15662 | 50-pk. | 26213 | |
| 2mL Micro-Cent | trifuge Tubes for dSPE (clean-up of 1mL extract) | | | | |
| | | Mini-Multiresidue, | | | |
| Resprep Q210 | 150mg MgSO ₄ , 25mg PSA | European prEN-15662 | 100-pk. | 26215 | |
| Resprep Q211 | 150mg MgSO ₄ , 25mg PSA, 25mg C18 | Mini-Multiresidue | 100-pk. | 26216 | |
| | | Mini-Multiresidue, | | | |
| Resprep Q213 | 150mg MgSO ₄ , 25mg PSA, 7.5mg GCB | European prEN-15662 | 100-pk. | 26218 | |



PSA—primary and secondary amine exchange material; GCB—graphitized carbon black

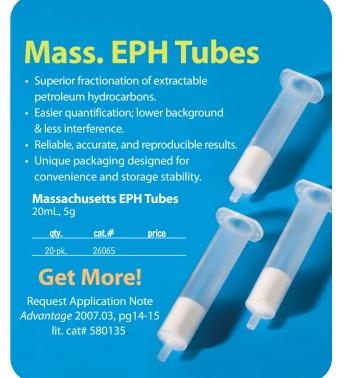
Visit **www.restek.com/quechers** for a complete QuEChERS product listing and view our audio slideshow on using QuEChERS.



- Meets original equipment manufacturer's performance.
- Choose original equipment-equivalent stainless steel, or Siltek® deactivation for improved inertness and extended lifetime. (Discount applies to stainless steel only.)

Save now until June 30, 2009 on these popular sizes:

| Description | qty. | cat.# | list price | sale price |
|---------------------------|----------------|-----------|-------------------|------------|
| Extraction Cell Body | six for the | | | |
| for ASE 200, 22mL | price of 5 | 26098-600 | \$522 | |
| Extraction Cell Body | six for the | | | |
| for ASE 200, 33mL | price of 5 | 26116-600 | \$522 | |
| Replacement Extraction | six 2-pks. for | | | |
| Cell End Caps for ASE 200 | the price of 5 | 26096-600 | \$1830 | |





melamine?

Easily detect 1µg/g melamine with our complete kit for GC/MS

Melamine Analysis Standards

Available in 1mL/ampul (1,000µg/mL)

Melamine Stock Standard - cat.# 33247

Cyanuric Acid Stock Standard - cat.# 33248

Ammelide Stock Standard - cat.# 33249

Ammeline Stock Standard - cat.# 33250

Benzoguanamine Internal Std - cat.# 33251

Melamine Mix Standard - cat.# 33253





Keep up with advances in melamine analysis at www.restek.com/melamine

USP Residual Solvents Standards

We've got them on hand and ready to ship within 24 hours.

USP-Equivalent Standards

to Achieve USP <467> Compliance

Residual Solvents - Class 1

(5 components)

In dimethyl sulfoxide, 1mL/ampul

cat. # 36279 (equivalent to USP#1601102) (ea.)

Residual Solvents Class 2 - Mix A

(15 components)

In dimethyl sulfoxide, 1mL/ampul

cat. # 36271 (equivalent to USP#1601281) (ea.)

Residual Solvents Class 2 - Mix B

New Lower Prices!

(8 components)

In dimethyl sulfoxide, 1mL/ampul

cat. # 36280 (equivalent to USP#1601292) (ea.)

Residual Solvents Class 2 - Mix C

(8 components)

In dimethyl sulfoxide, 1mL/ampul

cat. # 36273 (equivalent to USP#1601306) (ea.)

quantity discounts

Order 3 or 4 of any one analytical reference material product and receive a 10% discount!

Order 5 or more of any one analytical reference material product and receive a 20% discount!

Get more on RESIDUAL SOLVENTS at www.restek.com/ovi







Explosives Reference Materials Special Offer

Stock up now and save on hazmat fees.

Buy 2 get 1 FREE!

- Now available and ready to ship.
- Meet all DOT requirements.
- Value priced 3-pks. save you money on hazmat fees.



Reference materials for:

- EPA Method 8095 (Explosives by GC)
- EPA Method 8330 (Nitroaromatics and Nitramines by HPLC)

Offer valid through July 31, 2009

For more information visit www.restek.com/bang

Assure LC/MS/MS System Suitability

with our Unique Forensic Drug Screen Test Mixture



Increase sample throughput and data quality with easy, reliable verification of LC/MS/MS performance.

Forensic Drug Screen Test Mixture

| amiodarone | $10\mu g/mL$ | diazepam | 10 |
|-------------|--------------|-------------|----|
| amphetamine | 10 | doxepine | 10 |
| caffeine | 10 | haloperidol | 1 |
| codeine | 10 | morphine | 10 |
| | | | |

In P&T methanol, 1mL/ampul cat. # 36340 (ea.)

Forensic Drug Screen Internal Standard

D5-diazepam D5-doxepine

 $10\mu g/mL$ each in P&T methanol, 10mL/ampulcat. # 36341 (ea.)

Get More!

For more information on our LC/MS/MS system suitability test mix for drug analysis, request lit. cat# CFTS1002.

In addition to these, see our extensive selection of NIST-traceable Blood Alcohol Standards at www.restek.com





TO-Clean Canister Cleaning System

Introductory Offer - Save \$500

High capacity, fully automated, easy to use canister cleaning oven dramatically increases lab efficiency!

- Twelve 6L canister capacity; Custom-built trays for different canister sizes.
- Method TO-14A/15 compliant.
- Small footprint saves lab space.
- No computer needed—uses embedded touch screen controller.
- Save up to ten user defined methods.
- · Automated system leak test.
- Isothermal oven cleans entire can AND valve more completely than band heaters.
- Includes Edwards RV-8 vacuum pump—no turbo pumps!
- One year limited warranty.

| Description | qty. | cat.# | list price | sale price |
|---|------|-----------|------------|------------|
| TO-Clean Oven, 120V, 60Hz | ea. | 22916-406 | | |
| TO-Clean Oven, 220/230V, 50/60Hz | ea. | 22917-406 | | |
| Optional Accessories | qty. | cat.# | list price | |
| Dewar, glass, 4300mL stainless steel u-tube trap | ea. | 22918 | | |
| Oven Cart, 48" x 30", 12 gauge steel, push handle and casters | ea. | 22919 | | |

Note: Ovens are built on demand, therefore, a ten week lead time is required on all orders. A limited return policy applies to TO-Clean ovens. Special pricing offer ends December 31, 2009. Discount cannot be combined with any other offers. Dewar and cart not included in offer. Domestic orders only.



| | Restek | Entech |
|----------|------------|-----------|
| Capacity | 12-6L cans | 6-6L cans |
| Software | Included | Separate |

Fill Tedlar® Bags without Pump Contamination with Vacuum Bag Sampler

- · Cost-effective alternative for whole air sampling.
- · Light weight and easy to use.
- Vacuum sampler fills bag quickly, without sample passing through pump.
- Large selection of Tedlar® bag sizes available, as well as stainless steel valve option.

| Description | qty. | cat.# | list price | sale price |
|---|------|-------------|------------|------------|
| Bag Sampler/Tedlar Bag | | | | |
| Includes Vacuum Bag Sampler Model 1062 and 10pk | | | | |
| 1L Tedlar Bags w/PP valve (22118 + 22050) Bag Sampler/Tedlar Bag | kit | 22118-406.1 | | |
| Includes Vacuum Bag Sampler Model 1062 and 10pk | | | | |
| 10L Tedlar Bags w/PP valve (22118 + 22053) | kit | 22118-406.2 | | |



Offer valid through June 30, 2009.





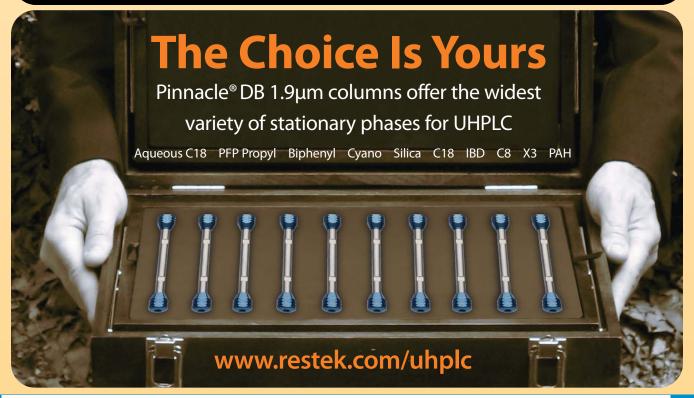


REDUCE ACETONITRILE USE WITH A RESTEK BIPHENYL COLUMN

The first choice when developing methods using alternative solvents.

- Higher retention in methanol than C18 or other phenyl columns.
- Excellent aromatic selectivity.
- Available in solvent-reducing UHPLC format.

Find more acetonitrile solutions at www.restek.com/acetonitrile





Don't burn up your budget!

Save now on selected Detector Lamps.

Save 10% when you buy 1.

Save 15% when you buy a 2-pk.

Save 20% when you buy a 3-pk.



| Description | Manufacturer's Price | Similar to part # | qty. | cat.# | sale price | price/lamp |
|--|-------------------------|-------------------|-------|--------------|------------|------------|
| For Agilent HPLC Systems Detector Lamp, 1090 DA, 1050 | | | 1-pk. | 25260-712.10 | | |
| VW/DA/MWD, for Agilent | \$589/ea. | 79883-60002 | 2-pk. | 25260-712.15 | | |
| Model #s 1090, 1050 | | | 3-pk. | 25260-712.20 | | |
| Lamp, VWD G1314A, for Agilent | | | 1-pk. | 25262-712.10 | | |
| Model #s 1100, 1200 | \$579/ea. | G1314-60100 | 2-pk. | 25262-712.15 | | |
| Wodel #3 1100, 1200 | | | 3-pk. | 25262-712.20 | | |
| 8453 Deuterium Lamp, for Agilent | | | 1-pk. | 25263-712.10 | | |
| Model # 8453 | \$632/ea. | 2140-0605 | 2-pk. | 25263-712.15 | | |
| Wodel # 0433 | | | 3-pk. | 25263-712.20 | | |
| Lamp, DAD Long Life Deuterium | | | 1-pk. | 25399-712.10 | | |
| (2000 hours), for Agilent | \$928/ea. | 5181-1530 | 2-pk. | 25399-712.15 | | |
| Model #s 1100 | | | 3-pk. | 25399-712.20 | | |
| For Shimadzu HPLC Systems | | | | | | |
| Deuterium Lamp, for Shimadzu | | | 1-pk. | 25284-712.10 | | |
| Model #s SPD-10A, 10AV, M20A | \$704/ea. | 228-34016-02 | 2-pk. | 25284-712.15 | | |
| | | | 3-pk. | 25284-712.20 | | |

Offer ends **September 30, 2009**. Discount cannot be combined with any other offers. Domestic orders only.

Mobile Phase Degasser

In-line vacuum degassing

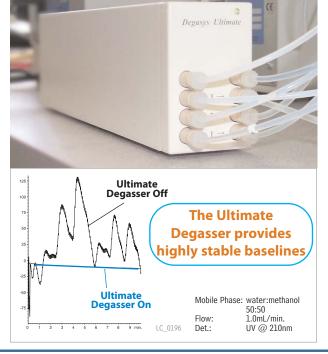
- Prevents oxygen from causing flow rate instability and baseline noise.
- Prevents bubbles from forming in check valves, at connections, or in detector flow cells.
- · More effective than sonication or helium sparging.

Specifications:

| Residual Oxygen ¹ | 0.9ppm | Wetted Parts | Teflon AF, PTFE, |
|--------------------------------|-------------------|---------------|------------------|
| Pressure Loss ¹ | 0.24psi (1.65kPa) | | ETFE, PPS |
| Internal Volume | 500μL | Max Flow Rate | 7mL/min./channel |
| ¹ At a flow rate of | lmL/min. | | |

| Description | qty. | cat.# | price |
|-------------------------------|------|-------|-------|
| 110V Mobile Phase Degasser | | | |
| (4 Channel, 7mL/min./channel) | ea. | 25189 | |
| 220V Mobile Phase Degasser | | | |
| (4 Channel, 7mL/min./channel) | ea. | 25194 | |

To prevent system damage, do not use the Degasys system with solutions containing TFA at concentrations greater than 5%.



ASI Piston Seals for Agilent HPLC

Piston seals wear out over time and Restek is your best option for economical replacements. Our piston seals are constructed of Teflon® material with an additive that reduces their tendency to "cold flow", while improving wear characteristics and resistance to HPLC solvents.



| Description | qty. | cat.# | price |
|-----------------|--------|-------|-------|
| ASI Piston Seal | ea. | 25175 | |
| ASI Piston Seal | 10-pk. | 25176 | |

HPLC Piston Seal Insertion Tool

Simplify your pump maintenance: use one end to remove your old seal, then slip your new seal on the other end and push it flush into position. The tool will not mar the surrounding metal surface of the pump housing.

Remove a seal







Seat a seal







| Description | qty. | cat.# | price |
|---------------------------------|------|-------|-------|
| HPLC Piston Seal Insertion Tool | ea. | 21356 | |

PATENTS & TRADEMARKS

Restek patents and trademarks are the property of Restek Corporation. Other trademarks appearing in Restek literature or on its website are the property of their respective owners.

Secure-Fit Fittings



A good connection between HPLC components is imperative for trouble-free chromatography. Secure-Fit connectors ensure a consistent, leak-free seal—and eliminate excess dead volume! Fingertighten fittings are available in stainless steel and PEEK $^{\text{\tiny{M}}}$.

Secure-Fit Fittings—Single Connectors

| | Stainless Steel | | | | PEEK | | |
|--------|-----------------|-----------|-----------|-----------|-----------|-----------|-------|
| Length | 0.005" ID | 0.007" ID | 0.010" ID | 0.005" ID | 0.007" ID | 0.010" ID | price |
| 6cm | 25181 | 25185 | 25190 | 25230 | 25234 | 25217 | |
| _10cm | 25182 | 25186 | 25191 | 25231 | 25235 | 25218 | |
| 20cm | 25183 | 25187 | 25192 | 25232 | 25236 | 25219 | |
| 30cm | 25184 | 25188 | 25193 | 25233 | 25237 | 25220 | |
| 50cm | 26510 | 26511 | 26512 | _ | _ | _ | |

Secure-Fit Fittings—Two Connectors

| | Stainless Steel | | | PEEK | | | |
|--------|-----------------|-----------|-----------|-----------|-----------|-----------|-------|
| Length | 0.005" ID | 0.007" ID | 0.010" ID | 0.005" ID | 0.007" ID | 0.010" ID | price |
| 10cm | 25208 | 25211 | 25214 | 25221 | 25224 | 25227 | |
| 20cm | 25209 | 25212 | 25215 | 25222 | 25225 | 25228 | |
| 30cm | 25210 | 25213 | 25216 | 25223 | 25226 | 25229 | |
| 50cm | 26513 | 26514 | 26515 | _ | | _ | |

2009/2010 CATALOG









Lit. Cat.# GNES1146 2009 v.3 © 2009 Restek Corporation.