



**Thermo Scientific**  
Chromatography Product Reference Guide

# Leading the way innovative chromatography

Leading technologies • Applications expertise • Global support



# Maximizing laboratory productivity

Maximizing laboratory productivity is a constant challenge. The Thermo Scientific™ complete chromatography portfolio brings together leading capabilities in ion chromatography (IC), liquid chromatography (LC), gas chromatography (GC), sample preparation and chromatography data systems (CDS), creating innovative possibilities for scientific analysis. Collaborate with us to access innovative chromatography workflow solutions for IC, UHPLC, CDS, and GC. Gain faster results with automated sample preparation and an extensive range of columns and consumables.

The following pages illustrate the range, scope and excellence of our complete chromatography offerings, where you'll find the best of separation science and analysis solutions to help move your science forward.

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# Optimizing separation science

## Liquid chromatography

Leading LC, UHPLC, and nano LC systems



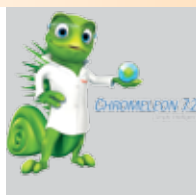
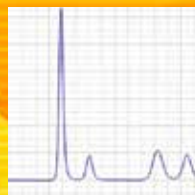
## Gas chromatography

Our portfolio of GC solutions



## Ion chromatography

Standard, reagent-free IC and capillary IC systems from the world-wide leader



## Chromatography Software

Faster data interpretation and information flow



## Sample Prep

Better extractions in less time



## Columns and Consumables

Providing quality and productivity for your new chromatography systems.

Knowledgeable  
method  
development

Timely  
service

Unsurpassed  
commitment

# More versatile UHPLC for all LC Systems

UHPLC delivers important benefits – faster runs, better resolution, and lower operating costs. The extended performance of the Thermo Scientific™ Dionex™ UltiMate™ 3000 systems offer UHPLC compatibility across all modules, ensuring maximum performance.

## UHPLC<sup>+</sup> focused

The UltiMate 3000 HPLC systems offer UHPLC compatibility across all modules, ensuring maximum performance. With flow rates from 20 nL/min to 10 mL/min and a wide range of pumping, sampling, and complementary detection modules, the UltiMate 3000 series provides solutions for all your chromatography needs.

### Features and Benefits:

- UHPLC capabilities for all RS and standard SD systems
- 620 bar (9000 psi) maximum pressure for basic and standard SD systems
- x2 Dual gradient systems deliver a unique platform for workflow automation for boosting productivity and separation results
- Systems are controlled using Thermo Scientific™ Dionex™ Chromeleon™ Chromatography Data System software – providing Intelligent Functionality and Operational Simplicity™
- Systems are offered with Thermo Scientific™ Dionex™ Viper™ and nanoViper™ Fingertight fitting systems – virtually, zero-dead-volume connections even at UHPLC pressures



**UltiMate 3000  
XRS LC Systems**

The UltiMate 3000 XRS LC system is the new benchmark for high end UHPLC separation and detection technologies. It is designed for ultra high resolution or very fast chromatography while providing perfect LC/MS integration features and pressures up to 1250 bar (18,125 psi).

- More quality data with fewer experiments
- Better results for the most demanding complex samples
- Extreme low gradient delay volume
- High sample capacity of up to 12 well plates for high throughput screening
- Ideally equipped for early drug development, support of clinical studies and life science research



**UltiMate 3000  
Rapid Separation LC Systems**

The UltiMate 3000 RS systems integrate unique hardware features for ultrafast separations and excellent resolution using columns with small particles. The best choice for pharma, life science, and food & beverage laboratories demanding versatility and future-proof investment.

- Binary or quaternary systems support UHPLC and conventional HPLC applications
- Extensive flow-pressure-footprint for ultrafast, ultrahigh resolution separations – supporting also large column diameters
- Column pressures up to 1000 bar
- x2 Dual gradient configurations for ultimate productivity solutions



UHPLC compatibility has been added to all standard and basic automated Dionex HPLC systems, and we've extended the UHPLC performance of the UltiMate 3000 RSLC systems, giving you more versatility for your analytical needs.



### **UltiMate 3000 Standard SD LC Systems**

The UltiMate 3000 Standard SD LC systems provide the right solution for demanding, analytical, and semipreparative LC applications.

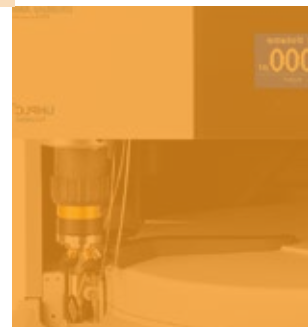
- Optimal performance and reliability for conventional LC applications
- 620 bar (9000 psi) maximum pressure and 100 Hz detectors for UHPLC compatibility
- Widest range of system configurations for maximum application flexibility
- Flow rates up to 10 mL/min covering all application needs
- Biocompatible version available (up to 350 bar)



### **UltiMate 3000 Basic LC Systems**

The UltiMate 3000 Basic systems are cost-effective solutions for conventional HPLC and UHPLC. Fully-scaleable, modular basic systems are designed to provide consistent, robust operation and are even compatible with UHPLC applications.

- Cost-effective system for routine applications
- 620 bar (9000 psi) maximum pressure and 100 Hz data rate for UHPLC compatibility
- Optional Autosampler Column Compartment with integrated sample and column temperature control



# Modular system design for ultimate versatility

Dionex LC modules integrate innovation and intelligent features into a broad selection of autosampler, injector, pump, thermostatted column compartment, and unique detector modules. We offer a wide variety of accessories and supplies for use with our LC systems, to accommodate any analytical application.



**UltiMate 3000  
Pumps**

The UltiMate 3000 pump family offers the most complete choice in the industry. From conventional LC applications to UHPLC methods, the UltiMate 3000 pumps provide industry leading flow stability and precision.

The pumps are available in isocratic, binary, quaternary and unique dual gradient (x2 Dual) configurations.



**Samplers and  
Column Compartments**

The UltiMate 3000 autosamplers ensure reliable, precise, and accurate injections from nL to mL sample volumes. With extremely low carry-over and our unique in-sampler fraction collection option, advanced 2D-LC workflows are easily mastered even in routine laboratories.

**Autosamplers:** Split-Loop, Pulled-Loop with integrated column compartment

**Fraction Collectors:** Fraction Collector, Autosampler/Fraction Collector, MALDI Spotter

**Column Compartments:** Integrated Switching Valves



**Detectors**

## **Optical Detection:**

The UltiMate 3000 optical detectors are available for UV-vis absorbance, fluorescence, and refractive-index detection for a wide variety of analytes.

## **Charged Aerosol Detection:**

The Thermo Scientific™ Dionex™ Corona™ Charged Aerosol detectors provide near-universal detection for non- or semi-volatile compounds. They provide consistent response independent of analyte structure.

## **Electrochemical Detection:**

The highly sensitive and analyte selective Thermo Scientific™ Dionex™ Electrochemical Detectors are used for routine analysis in complex sample matrices.

## More productive GC Systems

Environmental, food safety, toxicology and forensic gas chromatography applications are more demanding than ever. Our portfolio of gas chromatographs is geared to meet the challenge.



### TRACE 1300 GC

The Thermo Scientific™ TRACE™ 1300 GC system is the ideal budget-conscious investment for the basic routine laboratory when lower operator expertise requires ease of use with minimal instrument interaction.

The new TRACE 1300 Series offers the most versatile GC platform in the market, with unique instant connect modularity for ground-breaking ease of use and performance, setting a new era in GC technology. Its simplified user-interface is also ideal for 24/7 operations that require single-button start/stop/maintenance local interactions while maintaining full programmability through the networked control software.



### AI/AS 1310 Autosampler

The Thermo Scientific™ AI/AS 1310 Series autosampler is the optimum choice for gas chromatography liquid sampling. Ranging from an 8-position system (AI 1310 Autoinjector) to a 105-sample capacity autosampler (AS 1310 Autosampler), these systems are engineered to meet the highest requirements of ruggedness and ease of use and fulfill the needs of both QA/QC and high-throughput environments.

# More confident Ion Chromatography Systems

Thermo Scientific™ Dionex™ ion chromatography systems have been at the forefront of the industry for over 30 years. Continuous innovations in instrumentation, chemistry, applications and software ensure that you get the best IC solutions available –

## IC Innovations Deliver Superior Results

Thermo Scientific™ Dionex™ IC Systems have evolved over many product generations, each providing enhanced performance, greater reliability, and easier operation.

**High-Pressure IC** systems are optimized for flexibility, modularity and ease-of-use, combining the highest chromatographic resolution with convenience.

**Capillary IC** takes convenience to a new level. Using only 5L of eluent per year, and needing no service or calibration for months at a time, a Thermo Scientific™ Dionex™ ICS-5000+ or ICS-4000 is always ready to run samples, enabling true walk-up analysis on demand.

**Reagent Free™ IC** eliminates daily tasks of eluent and regenerant preparation, saving time, preventing errors, and increasing convenience.

**RFIC-EG** systems use electrolytic technologies to generate eluent on demand from deionized water, and to suppress the eluent back to pure water, delivering unmatched sensitivity, all with “just add water” convenience.

**RFIC-ER** systems use electrolytic technologies to suppress the eluent prior to detection, and to continuously regenerate eluent from the column effluent. With RFIC-ER, you can run routine applications for a month on a single batch of eluent.



**Thermo Scientific™ Dionex™  
Thermo Scientific ICS-5000+  
Modular HPIC™ System**

The world's most advanced IC system provides unmatched capability, flexibility, and convenience. Available in single or dual configurations in analytical-scale and/or capillary formats, and with a broad selection of detectors, the Dionex ICS-5000+ system provides optimum performance for any IC application.

### Key Features:

- High-pressure capability at analytical and capillary flow rates for high chromatographic efficiency
- Modular design adapts to diverse and changing analytical needs
- RFIC-EG, plus quaternary gradient proportioning and vacuum degasser, provides ultimate eluent flexibility
- Extremely precise temperature control dramatically reduces noise and drift



**Thermo Scientific™ Dionex™  
ICS-4000 Capillary HPIC System**

This high pressure capillary IC system delivers best-in-class sensitivity, from routine analysis to your most demanding application challenges. Capillary IC provides 24/7 uptime so the system is always ready. The compact integrated system provides convenience and offers detection choices for application versatility.

### Key Features:

- Optimized separations for fast throughput
- High-pressure capability for high chromatographic efficiency
- True on-request IC analysis for 24/7 uptime with no equilibration
- Small dead volumes for minimized peak dispersion and increased signal-to-noise ratio



solutions that deliver reliable analytical results while saving you time and money. A range of modular and integrated systems gives you the flexibility to choose the level of features and performance that's right for your application and your budget.



**Thermo Scientific™ Dionex™  
ICS-2100 RFIC System**

This compact integrated Thermo Scientific™ Dionex™ IC makes its own eluent from deionized water. Just add water, and get excellent results for a wide range of conductivity-based methods using isocratic or gradient elution.

**Key Features:**

- Compact design conserves bench space while providing easy access to fluidics
- Touchscreen LCD display allows convenient front-panel control
- Integrated eluent generator produces precise gradients on demand – just add water!
- Column heater reduces noise and drift



**Thermo Scientific™ Dionex™  
ICS-1600, ICS-1100 RFIC-ER  
Systems**

Compact, integrated Thermo Scientific™ Dionex™ ICs provide good performance for common conductivity-based IC methods.

**Key Features:**

- Compact design conserves bench space while providing easy access to fluidics
- Touchscreen LCD display allows convenient front-panel control (ICS-1600)
- RFIC-ER option allows continuous operation for up to a month using a single bottle of eluent
- Column heater reduces noise and drift (ICS-1600)
- Electrolytic suppression effortlessly improves signal/noise ratio
- Support for standard-bore and microbore formats offers flexibility
- Optional vacuum degasser saves labor and prevents cavitation (ICS-1600)



**Thermo Scientific™ Dionex™  
ICS-900 Basic IC System**

This compact, entry-level unit delivers good performance for basic Thermo Scientific™ Dionex™ IC applications using manually prepared eluents.

**Key Features:**

- Compact design conserves bench space while providing easy access to fluidics
- Displacement Chemical Regeneration suppression provides low noise and stable baselines
- Support for standard-bore and microbore formats offers flexibility
- Optional external column heater reduces noise and drift

# More applications IC and RFIC Accessories

Staying the leader in IC for over 35 years requires more than having the best instruments. Our IC products encompass not only instruments, but also industry-leading automation, software, and chemistries – all of which work together to provide you with comprehensive



**Autosamplers**

A selection of IC auto-samplers, all with metal-free flow paths, supports diverse application and budgetary requirements.

**Thermo Scientific™ Dionex™ AS-AP:**

This high-performance autosampler provides increased sample capacity, fast injection times, maximum precision, and broad application flexibility. Inject from vials and/or wellplate positions in any desired order, automate sample preparation, and deliver samples to one or two instruments.

**Thermo Scientific™ Dionex™**

**AS-DV:** This economical autosampler automatically filters samples as it delivers them. It supports 5 mL and/or 0.5 mL vials, and can load sample onto an injection loop or concentrator column.

**Thermo Scientific™ Dionex™ AS-HV:**

This versatile autosampler supports a wide range of sample containers, and is ideal for applications involving trace-level contaminants in high-purity water.



**Eluent Generation Cartridges**

The Thermo Scientific™ Dionex™ EGC III, EGC 500 and EGC capillary cartridges generate high-purity hydroxide, carbonate, or methanesulfonic acid (MSA) eluents electrolytically. Stop spending time manually preparing eluents. With EGC, you just add water.

**Key Features:**

- Simplified operation; no need to prepare eluents or regenerants
- Improves analytical reproducibility, day-to-day, week-to-week, month-to-month
- Ensures system-to-system reproducibility and lab-to-lab consistency
- Achieves sensitive results with pure, uncontaminated eluent
- Eliminates errors and variability associated with manual eluent and regenerant preparation



**Electrolytic Suppressors**

Suppression works two ways to achieve the absolute best sensitivity and corresponding lowest detection limits for inorganic analyses; it increases analyte signal while simultaneously decreasing background signal and noise. The Thermo Scientific™ Dionex™ SRS™ 300 Self Regenerating Suppressor and Thermo Scientific™ Dionex™ CES™ 300 Capillary Electrolytic Suppressor support virtually all analytical to capillary scale ion chromatography applications for both anions and cations.

**Key Features:**

- Low background noise levels
- Fast startup equilibration times
- Trace anion and cation determinations
- Compatibility with mass spectrometry detection
- Compatibility with all Thermo Scientific™ Dionex™ ICS and chromatography modules
- A three-fold increase in back-pressure tolerance compared to previous generations



solutions to your analytical challenges. Whether you need an analytical solution for inorganic ions, organic acids, amines, sugars, proteins, peptides, or other challenging species, we can help.



### Continuously Regenerated Trap Column

Designed for eluent generators in RFIC systems, Thermo Scientific™ Dionex™ CR-TC columns remove all anionic or cationic contaminants in the eluent continuously and provide very low baseline drift during gradient operations.

#### Key Features:

- Generates contaminant-free deionized source water and eluent
- Time savings—no need to perform regeneration off-line
- Very low baseline drift for improved integration and increased sensitivity
- Increased productivity; quality data soon after startup
- Removal of carbonic acid contaminants from source water
- Compatibility with Capillary RFIC-EG systems



### Carbonate Removal Device

The Thermo Scientific™ Dionex™ CRD 200, CRD 300, and CRD (Capillary) Carbonate Removal Device removes carbon dioxide from the suppressed eluent stream by diffusion through the walls of a gas permeable membrane. With carbonate eluent systems, it reduces background signals to nearly the same levels as those of hydroxide eluents.

Optimized for the removal of carbonate from hydroxide eluent systems:

- Improves quantitation by minimizing carbonate
- Lowers backgrounds, providing higher sensitivity
- Eliminates carbonic acid, increasing the linear range



### Thermo Scientific™ Dionex™ IonPac™ Chromatography Columns

At the heart of our ion chromatography is a unique set of column chemistries that provide high selectivities and efficiencies with excellent peak shapes.

**Capillary 4µm Columns:** These small particle capillary columns improve separation efficiency, enabling high-resolution and fast separations.

**Hydroxide-Selective Anion-Exchange Columns:** For isocratic and gradient separations with a wide range of capacities and selectivities

**Carbonate Eluent Anion-Exchange Columns:** Provide well-characterized isocratic separations for regulated drinking water and wastewater methods

**Cation-Exchange Columns:** Available in a wide range of capacities and hydrophobicities for isocratic and gradient applications

**Ion-Exclusion Columns:** Allow separation of weak acids-with strong acids eluting in the void



# More efficient Sample Prep Systems

Solvent extractions that normally require labor-intensive steps are automated and performed in minutes, with reduced solvent consumption and reduced sample handling using Thermo Scientific™ Dionex™ ASE™ 150 and 350 Accelerated Solvent Extractor systems and Dionex™ AutoTrace™ 280 instrument.



## Dionex ASE Accelerated Solvent Extractor

The Dionex ASE 150 and 350 Accelerated Solvent Extractor systems use a patented technique for the extraction of analytes from solid and semisolid sample matrices using common solvents at elevated temperatures and pressures. Compared to techniques such as Soxhlet and sonication, accelerated solvent extraction generates results in a fraction of the time.

### Benefits:

- Extractions for sample sizes 1–100g in minutes
- Dramatic reduction in solvent usage
- Wide range of applications
- Corrosion-resistance components
- Approved for use by the U.S. EPA and CLP Program
- Walk away automation for unattended operation
- Hood-free operation

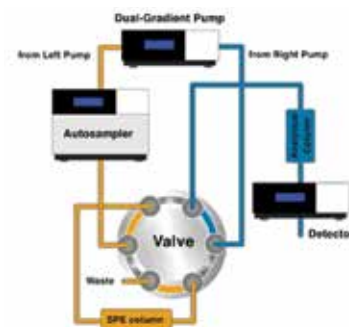


## Dionex AutoTrace 280 SPE

The Dionex AutoTrace 280 Solid-Phase Extraction (SPE) instrument performs automated extractions of large-volume liquid samples for organic analysis. Liquid-liquid extractions that normally take hours can be automated using the Dionex AutoTrace 280 SPE instrument.

### Benefits:

- Automated extractions for liquid sample sizes of 20 mL–20 L
- Dramatic reduction in solvent usage and reduced sample handling
- Wide range of applications
- Approved for use by many government agencies
- Compatible with disk or cartridge configurations
- Extraction of 6 channels simultaneously



## Automated On-line SPE-LC

A solution kit for the UltiMate 3000 x2 Dual HPLC systems provides fully automated on-line solid-phase extraction (SPE) for high-sensitivity analysis from even complex matrices. Samples are injected directly onto an SPE column, the matrix is removed, and the enriched analyte transferred to an analytical column.

### Benefits:

- Direct injection of untreated samples
- Fast analysis and high reproducibility
- Full automation for unattended operation
- Reduction of health risks
- Highest productivity





Accelerated solvent extraction systems are dramatically faster than Soxhlet, sonication, and other extraction methods, and require significantly less solvent and labor. These accelerated solvent extraction methods are accepted and established in the environmental, pharmaceutical, food, polymer and consumer product industries and are accepted and used by government agencies worldwide.



### Thermo Scientific™ Dionex™ Rocket™ Evaporator

A revolutionary solvent evaporator for use in laboratories seeking to spend minimal time and effort to process multiple samples for analysis. It can dry or concentrate up to six 250 mL flasks, or 18 ASE vials. This enables the user to focus on other tasks, confident that the Rocket will achieve perfect, reproducible results every time.

#### Benefits:

- Vacuum and centrifugal evaporation for controlled evaporation and minimized sample loss
- Five times faster than conventional intelligent evaporators
- End point detection
- Superior solvent recovery



### IC Sample Preparation Solutions

Products include solutions for IC sample preparation with AutoPrep and Reagent Free Ion Chromatography – Electrolytic Sample Preparation (RFIC-ESP).

**AutoPrep** automatically prepares calibration curves and performs sample analyses. Unique plumbing configurations and automated valve operations simplifies trace level analysis.

**RFIC-ESP** systems enable a range of automated sample preparation techniques using proprietary electrolytic devices to reduce cost and provide higher value analyses.

**RFIC-ESP** devices and techniques can remove cations from an anion sample before analysis using Dionex CR-TC devices, or neutralizing a strongly acidic or basic solution.

OnGuard



InGuard



SolEx



### Sample Preparation Accessories

The Thermo Scientific™ Dionex™ InGuard™ inline and OnGuard™ offline cartridges remove matrix interferences such as phenolics, metals, cations, anions, or hydrophobic substances encountered in many ion chromatography applications.

**OnGuard Cartridges:** Remove matrix interferences such as phenolics, metals, cations, anions, or hydrophobic substances, for better performance in many IC applications.

**InGuard Cartridges:** This line of sample pretreatment cartridges removes matrix interferences such as cations (including transition metals), anions, or hydrophobic substances encountered in many IC applications.

**Thermo Scientific™ Dionex™ SolEx™ Solid Phase Extraction Cartridges:** Offers a variety of chemistries and sizes to fit your needs.



# Sample preparation, sample handling, LC, GC and software... more versatile columns and consumables

Discover the most comprehensive array of chromatography solutions available. From sample preparation to separation and analysis, Thermo Scientific tools help you achieve repeatable, predictable results – separation after separation.



## Thermo Scientific Sample Preparation Products

**Thermo Scientific™ SOLA™ SPE Cartridges and Plates:** the first fritless solid phase extraction product range, providing greater reproducibility with cleaner, more consistent results.

**Thermo Scientific™ HyperSep™ SLE Cartridges and Plates:** a fast and effective sample preparation technique compared to liquid-liquid extraction.

National Scientific™ WebSeal™ products are ideal for high throughput screening, combinatorial chemistry, life science applications and HPLC.

**QuEChERS:** solutions for efficient sample preparation and clean-up.

**Thermo Scientific™ eVol:** the world's first analytical syringe.

**Thermo Scientific™ Titan3™ Syringe Filters:** ensure reliable elimination of both particles and micro organisms in the sample preparation process, providing consistent and reliable experimental results for a range of samples and applications.

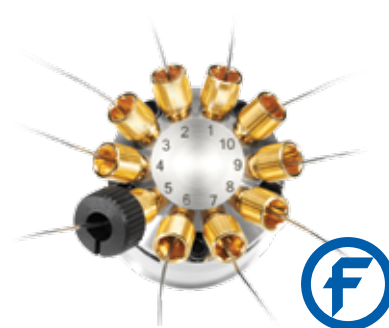


## Thermo Scientific Vials and Closures

A comprehensive range of solutions for any instrument and any application.

### Certified and Mass Spec Certified Vials:

- Unmatched consistency
- Unique pre-cleaned vials and packaging
- 13 tests ensure highest integrity
- Micro sampling options
- Headspace vials
- High recovery vials
- Tools and accessories



## Viper Fitting System

The Viper and nanoViper fitting systems eliminate problems experienced with conventional fitting systems. They provide a perfect fit each time and ensure superior chromatographic performance.

- Zero-dead-volume UHPLC fingertight fittings for nano/cap, micro, and analytical LC
- Compatible with virtually every type of valve and column hardware
- Flexible stainless steel or fused silica capillaries



With a wide variety of columns, consumables and software, we offer comprehensive and innovative solutions for every application and every workflow, for all of your separation and analysis requirements.



### Thermo Scientific LC Columns

#### Columns for Analytical LC:

Acclaim specialty, mixed mode and application specific columns utilize innovative bonding technology to deliver unique selectivity

The Thermo Scientific™ Hypersil™ GOLD column family delivers outstanding peak shape in a wide range of conventional selectivity options

The Thermo Scientific™ Synchronis™ columns are robust, reproducible columns for routine applications based on densely bonded and double endcapped high surface area silica.

Based on 4 µm solid core particles, the Accucore XL HPLC columns, allow users of conventional HPLC method to enjoy performance far beyond that of columns packed with similar sized fully porous particles



**Columns for Fast LC:** Thermo Scientific™ Accucore™ and Acclaim™ HPLC deliver fast, high-efficiency separations. The Accucore columns utilize a lower backpressure than fully porous particles and the Acclaim series provides a wide range of selectivity and hydrophobicity

**Columns for Nano LC:** Thermo Scientific nano and capillary columns incorporating nanoViper technology eliminate troublesome connections in nano LC and offer fingertight, dead volume free connection that holds up to 1000 bar

#### Columns for Biomolecules:

Thermo Scientific bio columns provide ultra-high resolution, sensitivity and range to analyze, and characterize, even the most complex biomolecules. These columns are specifically designed for monoclonal antibodies, proteins, peptides, oligonucleotides and other biomolecules



### Thermo Scientific GC Columns

Redefine your expectations for GC with our line of GC Columns

**Thermo Scientific™ TraceGOLD™ GC Columns** provide a leap forward in column performance by delivering low bleed and superior inertness.

**Thermo Scientific™ TracePLOT™ GC Columns** offer the latest innovation in PLOT column technology, providing reproducible analyses of permanent gases, hydrocarbons and solvents.

# Sample preparation, sample handling, LC, GC and software... more versatile columns and consumables

For more information, visit the Chromatography Resource Center, an extensive and fully searchable library featuring over 6000 applications and references encompassing sample preparation, sample handling, liquid chromatography and gas chromatography.  
[www.separatedbyexperience.com](http://www.separatedbyexperience.com)



## Thermo Scientific GC Consumables

Enhance and optimize the performance of your chromatography instruments.

- Autosampler syringes
- Chromatography standards – Complete sets of chemical standards available for each EPA method
- Connectors
- Ferrules
- Gas filters
- Gas tight syringes
- Hydrolysis tubes
- Port injection liners
- Septa



## Thermo Scientific GC Derivatization Reagents and Standards, Thermo Scientific™ Reacti-Therm™ System

Derivatization reagents for mass spectrometry, high-pressure liquid chromatography and gas chromatography.

Reagents designed to provide selectivity and improve sensitivity.

- Derivation and visualization reagents for HPLC
- GC derivatization reagents
- HPLC and spectrophotometric grade solvents
- HPLC Ion Pair Reagents
- Other HPLC reagents
- Siliconizing fluids



## Chromeleon Chromatography Data System Software

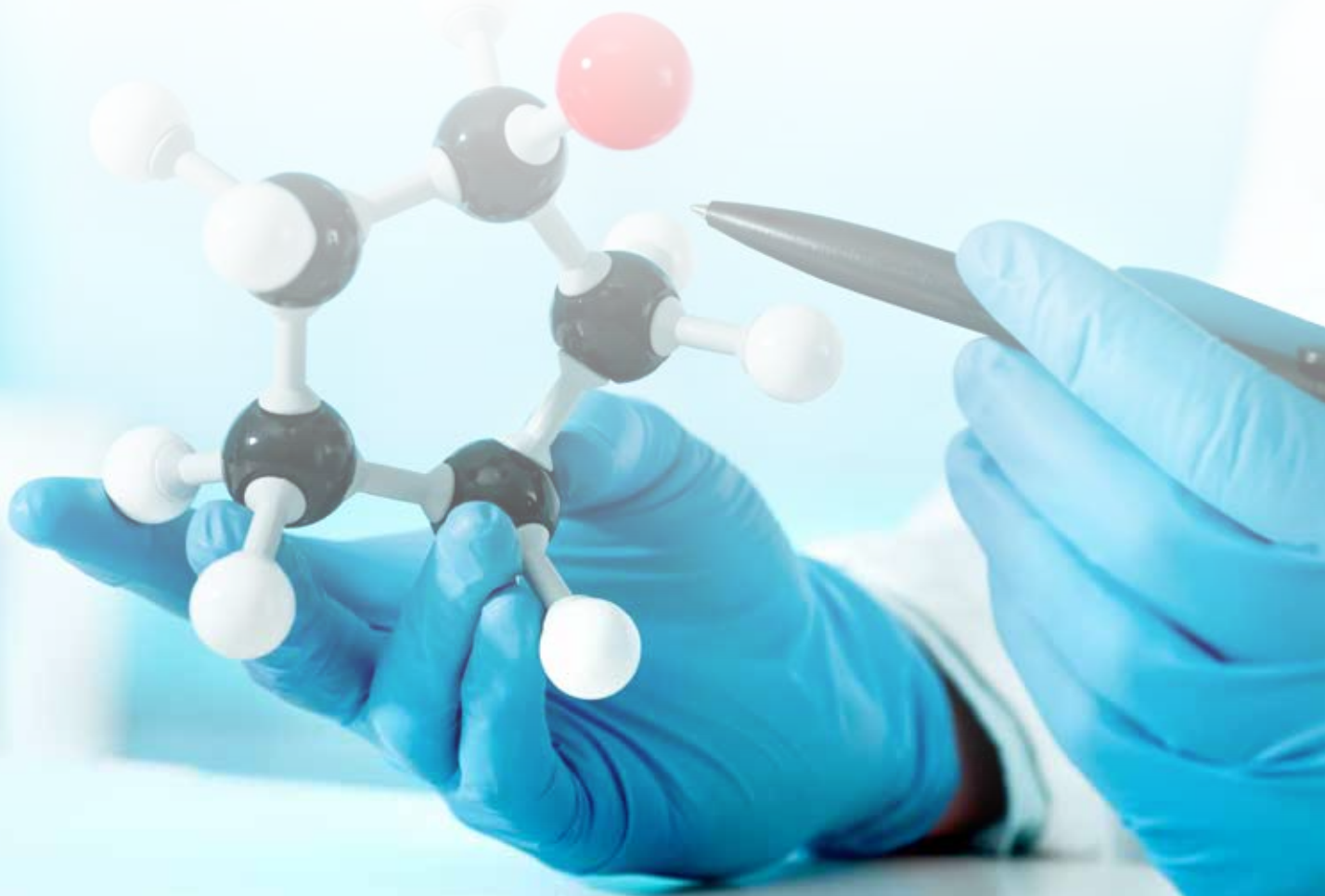
No other data system comes close to providing the capabilities and the usability of Chromeleon Chromatography Data System software – it's Simply Intelligent™. The software is designed to take users from samples to results in the shortest possible time. Sequence set-up and processing, and result calculations can all be performed quickly, easily, and without training. It controls IC, LC and GC instruments from a wide range of manufacturers.

We manage your instruments so you can  
**focus on the science.**

To improve your laboratory's efficiency, you should be focused on your work, not managing instrument service. When you buy a Thermo Scientific product, you gain the peace of mind that comes from being backed by the largest team of service experts committed to your long-term success. We offer programs to service and maintain multiple instruments, *regardless of manufacturer*.

**Learn more at [www.unitylabservices.com](http://www.unitylabservices.com)**

**Let our expertise complement yours.**





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