



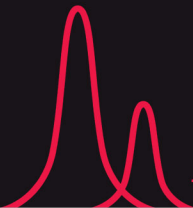
GENTECHTM
S C I E N T I F I C

2021
PRODUCT CATALOG

PHONE: 585.492.1068

WEBSITE: GENTECHSCIENTIFIC.COM

EMAIL: SALES@GENTECHSCIENTIFIC.COM



Instrumental to Analysis

As researchers and scientists you need fast, accurate data and consistent, high productivity in the lab, and GenTech Scientific is a reliable and proven partner. Our expertly refurbished and robustly tested analytical instruments, together with our palette of customer-centric services such as prompt support, instrument training, and an industry-leading warranty program, give your lab the edge you need to excel. Partnering with GenTech ensures that you can focus on the science and move your work forward with confidence, integrity and the same trail-blazing spirit that makes GenTech Scientific Instrumental to Analysis.



MISSION

GenTech Scientific works to build trust, instill confidence, and alleviate the burden of laboratory logistics by offering analytical equipment across a wide spectrum of brands, mission-critical insight, and a robust support program.

VISION

To be unequivocally considered as the industry experts by reshaping the OEM analytical instrumentation market through experience, expertise, and empathy.

VALUES

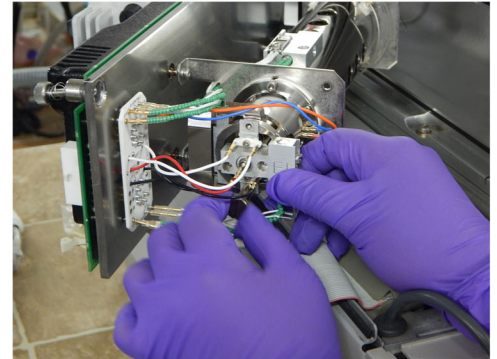
We value how much is on the line with every research endeavor and the trust placed in our team's knowledge and service. Our pioneering spirit drives us to explore new and innovative ways to better the personal and professional passions of our employees and greater scientific community.

Our Refurbishment Process



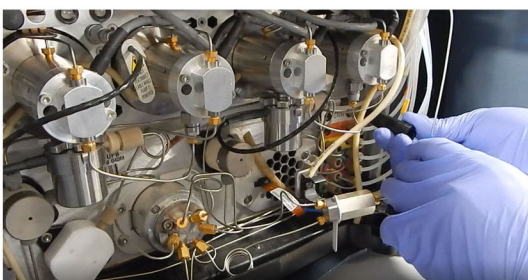
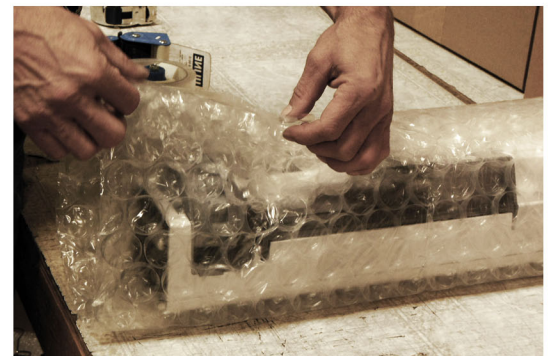
INSPECTION – GenTech's staff of certified engineers inspect and evaluate all components of every piece of instrumentation we sell to ensure peak performance.

CONFIGURATION – After inspection, the GenTech team begins the process of custom configuration for each individual order with unique add-ons and accessories to create a custom system every time.



REFURBISHMENT – After evaluation and system configuration, our technicians begin the rigorous refurbishment process to restore the equipment. We verify all firmware and software applications and perform full product calibration and data verification.

PACKING & SHIPPING – Our shipping department inspects, packages and ships your instruments so you can trust that your investment will arrive safe to your lab.



INSTALLATION – GenTech offers professional lab set-up and familiarization training. This final step ensures that your instrument performs as well in your facility as it did in ours. Not only does our professional installation give you peace of mind in your investment, it protects your warranty coverage. We also offer hands-on training at your facility – ask your rep for more information.

Gas Chromatograph & GC/MS



**Agilent 5977 MS WITH 7890B GC
AND 7693 AUTOSAMPLER**

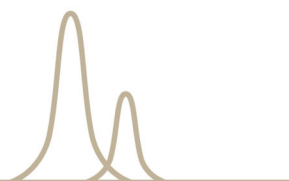


**Thermo TSQ QUANTUM XLS WITH
I310 TRIPLE QUAD GC/MS/MS &
TRIPLUS AUTOSAMPLER**



**Agilent 5975 WITH 6890 GC/MSD
AND 7693 AUTOSAMPLER**

GC & GC/MS ACCESSORIES



**Agilent 7697A
HEADSPACE SAMPLER**



**Agilent GI888
HEADSPACE SAMPLER**



**Agilent 7696A SAMPLE
PREP WORKSTATION**

NEW GC & GC/MS Samplers

Reduce Bench Space with Versatile 2 in 1 Systems

NEW LIQUID & HEADSPACE SAMPLER



Liquid

- 121 position (2ml) liquid vial rack
- Syringe volume: 0.5, 1, 5, 10, 25, 50 and 100 μ l
- Sample volume: as low as step of 0.1 μ l
- Air volume: as low as step of 0.1 μ l
- 10 μ l liquid syringe

Headspace

- 42 Position (20 μ l) headspace vial rack
- 6 Oven Positions
- 2.5 heated headspace syringe
- Oven temperature range: 40-170 degrees celsius
- Orbital shaking capability

SPME (Option)

- SPME Fiber holder
- SPME Polydimethylsiloxane (PDMS) fiber

Two Applications in One System

Performs headspace in one injector and liquid in the second injector



NEW LIQUID SAMPLER

- 209 (121 & 88 racks) for 2ml vials
- Syringe volume: 10 μ l
- Sample volume: as low as step of 0.1 μ l
- Air volume: as low as step of 0.1 μ l
- Filling speed: 1-100 μ l/sec
- Viscosity delay: 0-15s
- Bubble elimination: up to 15 pull up strokes

NEW HEADSPACE SAMPLER

- 42 Positions (20ml) headspace vial rack
- 6 Oven Positions
- 2.5ml heated headspace syringe
- Oven temperature range: 10-170 degrees celsius
- Orbital shaking capability

High Performance Liquid Chromatograph



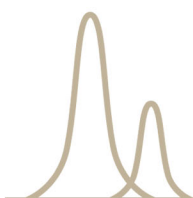
Waters ACQUITY
UPLC SYSTEMS



Thermo EASY-NLC SERIES



Agilent 1100, 1200,
1260, 1290 HPLC/UPLC



THERMO | AGILENT | WATERS & MORE



Shimadzu 20A & 30A HPLC

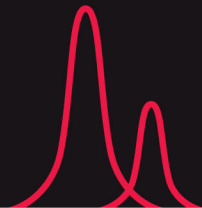


Dionex ULTIMATE 3000



Waters 2695 SYSTEMS

HPLC Modules



WE CARRY A WIDE VARIETY OF MODELS



Agilent | Waters | Dionex | Shimadzu

Autosamplers

- Thermostatted
- Preparative
- Well Plate
- PAL

Pumps

- Quaternary
- Binary
- Isocratic
- Prep

Detectors

- Diode Array Detector (DAD)
- Variable Wavelength Detector (VWD)
- Fluorescence Detector (FLD)
- Refractive Index Detector (RID)

Degassers

Fraction Collectors

Column Compartments

Liquid Chromatography / Mass Spectrometers



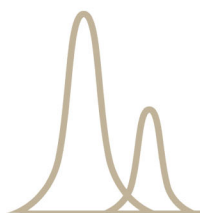
Thermo TSQ Vantage
LC/MS/MS



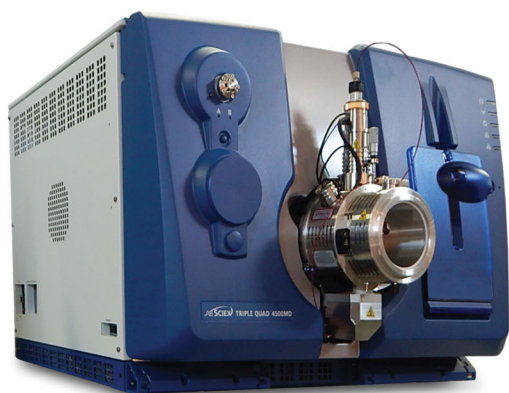
Agilent 6460
LC/MS/MS



Thermo Velos Pro
Orbitrap Elite



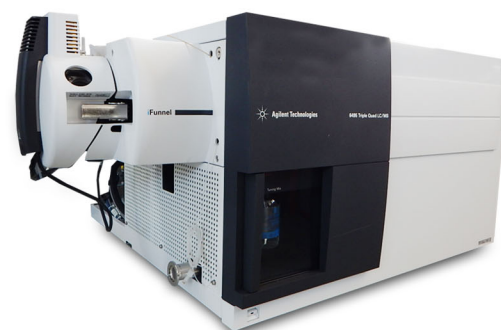
THERMO | AGILENT | WATERS & MORE



Sciex API 4500
LC/MS/MS



Waters Xevo
Acquity TQD



Agilent 6495
LC/MS/MS

Vacuum Pumps

Additional New, Used & Refurbished Pumps are Available!



Edwards E2M28
Vacuum Pump



Edwards E2M2
Mechanical Pump



Pfeiffer DUO 2.5
Vacuum Pump

EDWARDS | PFEIFFER | VARIAN | & MORE



Ulvac GHD-031
Vacuum Pump



Varian HS 602
Vacuum Pump



Edwards XDS Series
DryVacuum Pump

Laboratory Mountable N2 Gas Generator

Efficiently Mounts to Bench or Wall

This GenTech nitrogen generator needs compressed air. It is a great option for a lab with limited space. With the option to mount this to your workbench, or stable place, you are able to have a smaller footprint to keep a neat laboratory.

FEATURES:

- Produces Enough N2 for One Thermo, Waters, or Agilent MS/MS (up to 60 NI/min)
- Small Footprint
- Compact Design
- Warranty Coverage

13 GALLON AIR COMPRESSOR ALSO AVAILABLE!



NEW Quiet MS Workbench

Compact & Versatile Laboratory Workbench

Reduce your lab's footprint with this compact & customizable bench with gas generator and air compressor options for LC/MS systems.

Featuring: Pump Enclosure, Gas Generator & Air Compressor

MASS SPEC WORKBENCH SPECIFICATIONS:

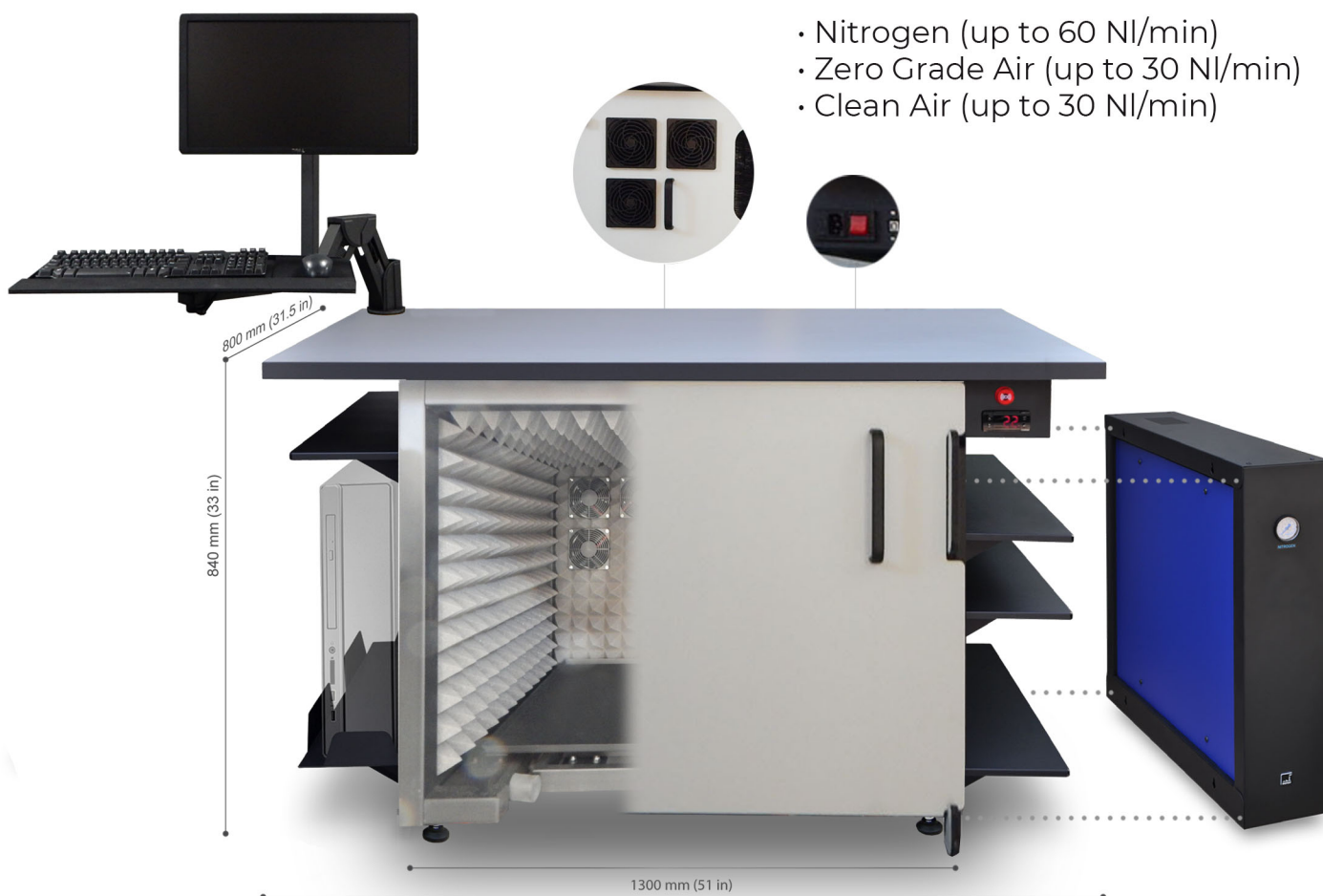
- Durable worktop with wheels & stabilizing legs
- Computer monitor/tower/keyboard mounting
- Adjustable bracket shelves

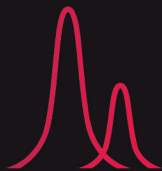
DUAL PUMP ENCLOSURE FEATURES:

- Temperature Indicator
- Noise Suppressed by 15dBA

GAS GENERATOR (NITROGEN OR TRI-GAS):

- Nitrogen (up to 60 NI/min)
- Zero Grade Air (up to 30 NI/min)
- Clean Air (up to 30 NI/min)



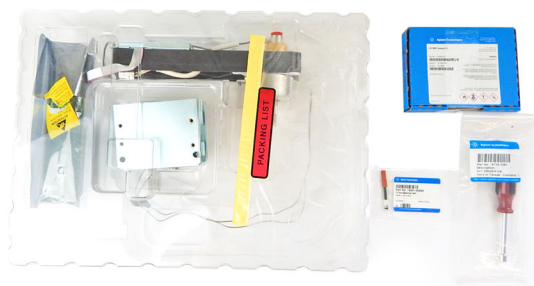


Tested Analytical Parts

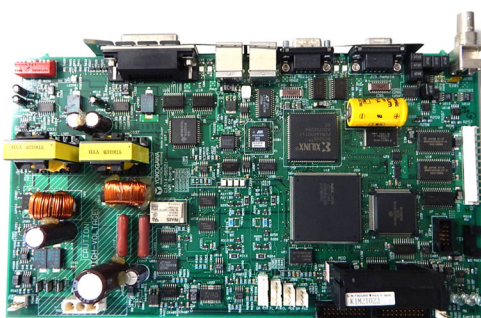
GenTech Puts New Life Into Old Instruments

Since 1996, GenTech has gained a wide range of hard to find & obsolete parts. GenTech's parts division provides tested parts with a **30 day warranty**.

DETECTOR KITS



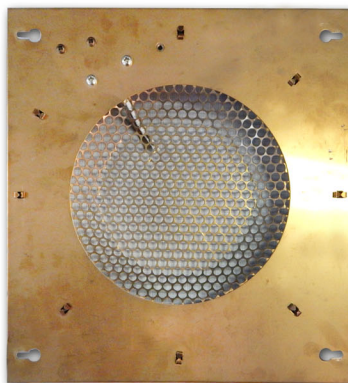
CIRCUIT BOARDS



TESTED PARTS



AGILENT | THERMO | WATERS | SCIEX | SHIMADZU & MORE



GenTech Scientific Financing Options



GENTECH
SCIENTIFIC



- ◆ Rates as low as 0%
- ◆ Fast approval process
- ◆ Secure lending services
- ◆ Rental services available

BUYING

Ownership

Gain the future value by owning equipment.
Keep the equipment as long as you want.

Tax Incentives

You may be able to deduct the cost of some newly purchased assets in the first year

Depreciation Deduction

Receive tax savings for almost any business equipment through depreciation deductions.

FREE Lifetime Support

Receive remote support from GenTech Scientific.

Why Buy New? If You Don't Have To!

LEASING

Less Initial Expense

Acquire equipment with minimal initial expenditures.

Tax Deductible

Reduce the net cost of your lease on your tax return.

Flexible Terms

Easier to obtain and negotiate a longer payment plan to lower your costs.

Easier to Upgrade Equipment

There's no burden of trying to sell an old instrument.
You are able to upgrade your system after your lease expires.

Try Before You Buy!



Instrument Installation & Training

LET GENTECH HELP GET YOUR LAB STARTED

CERTIFIED INSTALLATION

Our Gentech service engineers complete rigorous training to ensure your equipment installation meets the needs of your application method. With our Certified Install, your warranty is protected from any installation **issues**.

Installation Includes:

- Unpacking
- Laboratory set up
- Basic performance testing
- Initial familiarization training



CUSTOMIZED INSTRUMENT TRAINING

GenTech Scientific is your best source for expert training! GenTech is equipped to provide in-depth training on applications related to the instrument, either at your site or our own facility. With expertise on instruments from most major manufacturers, let GenTech help your lab get started.

Training Includes:

- Instrument operation and how to effectively run samples
- Troubleshooting and basic maintenance
- Testing theory of the instruments for your chemist
- Hands-on training at our location or yours
- Instrument application setup

Instrument Repair & Service

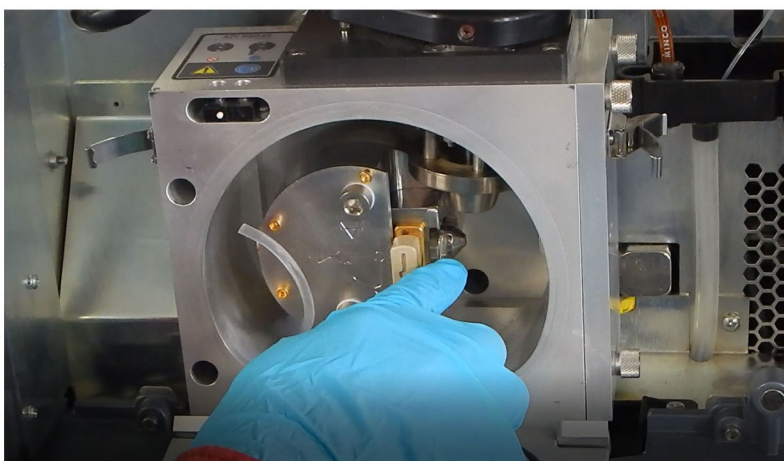
SEND US YOUR EQUIPMENT FOR REPAIR

We provide expert service to the USA, Canada & Mexico

To **reduce your down time** and service costs, GenTech Scientific employs highly trained, expert technicians who deliver the most reliable, consistent, and aggressively priced service in the industry. Our well-equipped and fully staffed repair shop in our Arcade, NY headquarters is available to perform expert repairs on most GC, GC/MS, LC and LC/MS systems and accessories. We offer reasonable service rates that are below manufacturers' standard rates.

SERVICES PROVIDED:

- In-House Service & Repair
- On-Site Service & Repair*
- Warranty Service & Repair
- Service Agreements*
- Preventative Maintenance*
- Warranty Extension
- Lab Relocation and Setup*
- OQ - Operational Qualification*
(GC, GC/MSD & HPLC)
- Circuit Board Repair
- Autosampler Repair



*SELECT SERVICES DO NOT APPLY TO MEXICO AND SELECT AREAS OF CANADA. CONTACT YOUR REP FOR MORE DETAILS



We Stand Behind Our Work

Warranty Coverage

INCLUDED WITH INSTALLATION OF A GENTECH CERTIFIED SYSTEM

Our warranty policy is designed to keep your instrument in working order. GenTech will get you started in the right direction when installing your instrument. As long as you continue to partner with GenTech, we can help you stay focused on your research.

FULL COVERAGE WARRANTY:

Our products are refurbished to original manufacturers' standards.

- One year warranty with the purchase of installation.
- Ninety (90) day warranty without installation

EXTENDED WARRANTY:

Prolong your warranty coverage up to 5 years.

- Warranty extensions available with purchase of recertification / preventive maintenance



WARRANTY REPAIR:

Warranty repairs may be performed in house or on site, depending on the problem.

- Performed On Site (at your locations)
- Performed In House (at GenTech)

List of Instruments We Carry

HPLC EQUIPMENT

Waters: 2690, 2695, 2790, 2795

- Detectors: 2487, 2996, 2414, 2475, 996
- Pumps: 1515, 1525
- Autosamplers: 717 and 717 Plus
- Acquity UPLC modules

Agilent/HP: 1100, 1200, 1260 and 1290

Shimadzu: 10A modules, 20A modules, LC 2010, 30A modules

Thermo/Dionex: Easy nLC, Accela series, Ultimate 3000 and Dionex IC systems

GC EQUIPMENT

Agilent/HP: 5890A, 5890 II, 6850, 6890, 6890 Plus, 6890N, 7820, 7890, 7890B

- Autosamplers: 7673, 6850, 6890 Series, 7683 A and B Series, 7693
- Headspace: 7694, 7697, G1888

Shimadzu: GC-2010

- Autosamplers: AOC 20

GC/MS EQUIPMENT

Agilent/HP: 5971, 5972, 5973, 5975, 5977

LC/MS EQUIPMENT

Agilent: 6400 Series QQQ

Thermo/Finnigan:

- LTQ Series (LTQ, LTQ XL, Velos and Velos Pro)
- TSQ Quantum Series (Classic, Ultra, Vantage, Access, Endura)
- LTQ Orbitrap Series and Exactive Series
- LXQ

Waters: TQD, Xevo TQ and Xevo TQD

Sciex: API 3200/3200Q, API 5000, API 4500, API 5500

Shimadzu: 8050 QQQ

ACCESSORIES

Leap/CTC: GC PAL, Combi PAL, LC PAL, HTS PAL, HTC PAL

Tekmar: 3100, Velocity, Stratum, ATOMX, 7000, and HT3 Headspace Samplers

OI: Eclipse, 4560, 4551

HTA: HT2000H Headspace, HT2800T Two in One, HT3000A Liquid Sampler

Nitrogen Generators and Compressors

Don't see what you're looking for here?

We're always acquiring new instrumentation - Call us with your request today!

585.492.1068

Analytical Instruments Wanted

Sell or Trade Your Unused Instruments



WE BUY GC, HPLC, MS, GC/MS,

MASS SPECTROMETRY

- **Agilent** 5977, 5975 & 5973 MS
- **Thermo** Orbitrap Velos Pro
- **Thermo** Orbitrap Elite
- **Thermo** Q-Exactive Elite
- **Thermo** LTQ XL MS/MS Systems
- **Thermo** TSQ Quantum LC/MS/MS
- **Sciex** 4500 & 5500 MS/MS

GAS CHROMATOGRAPHY

- **Agilent** 6890 & 7890 GC
- **Agilent** 7673, 7683, 7693 Autosamplers
- **Agilent** 7697 & G1888 Headspace
- **Thermo** TriPlus Autosamplers
- **CTC** CombiPAL Autosamplers
- **Thermo** TSQ Quantum GC/MS/MS

Analytical Instruments Wanted

Sell or Trade Your Unused Instruments



MS/MS, LC/MS SYSTEMS & ACCESSORIES



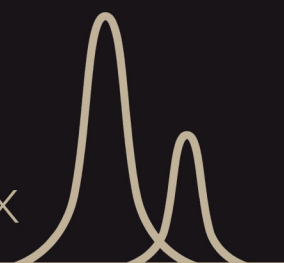
LIQUID CHROMATOGRAPHY

- **Agilent** 1100 & 1200 HPLC Systems
- **Agilent** 1260 & 1290 UPLC Systems
- **Waters** 2410, 2414 & 2996 Detectors
- **Waters** e2695 HPLC Systems
- **Waters** Acquity UPLC Systems
- **Waters** Nano Acquity UPLC Systems
- **Shimadzu** LC-20AD HPLC Systems
- **Shimadzu** LC-30 HPLC Systems
- **Dionex** Ion Chromatography Systems



INSTRUMENTAL TO ANALYSIS

AGILENT | THERMO | SHIMADZU | WATERS | SCIEX



GENTECHTM
S C I E N T I F I C