

The

Mass Spec Source

VOL. XX, NO. 3

OCTOBER 1995

For Users of Mass Spectrometers and Gas Chromatographs

FEATURES



Scientific Instrument Services at Eastern Analytical Symposium

Scientific Instrument Services will once again be participating in the 1995 Eastern Analytical Symposium at the Garden State Convention Center located in Somerset, NJ. Once again we have planned a lot for this meeting. In addition to our booth we have a number of posters and presentations.

We will be featuring our line of MS and GC supplies and services. On display will be the Short Path Thermal Desorption System along with the GC Cryo-Trap.

SIS POSTER PRESENTATIONS AT EAS

- ▼ **Selection and Use of Adsorbent Resins for Purge and Trap Thermal Desorption Applications**
Poster Presentation #165 by John J. Manura
Tuesday, November 14, 1995 at 10:00
- ▼ **Detection and Identification of Volatiles in Latex Paints by Headspace GC with On-Column Cryo-Trapping**
Poster Presentation # 167 by John J. Manura
Tuesday, November 14, 1995 at 10:00
- ▼ **Identification of Volatile Organic Compounds in a New Automobile**
Poster Presentation # 290 by Santford V. Overton
Wednesday, November 15, 1995 at 10:00
- ▼ **Volatile Organic Emissions from Automobile Tires**
Poster Presentation # 286 by Santford V. Overton & John J. Manura
Wednesday, November 15, 1995 at 10:00
- ▼ **Volatile Organic Composition in Cranberry**
Poster Presentation #288 by Santford V. Overton & John J. Manura
Wednesday, November 15, 1995 at 10:00

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THERMAL DESORPTION WORKSHOP

On Monday, November 13, 1995, a workshop entitled *Practical Applications of Thermal Desorption* will be held, directed by Tom Brettel of the NJ State Police Forensic Science Bureau. A variety of presentations are planned by various companies on the use of the Thermal Desorption Technique. As part of this workshop John Manura of SIS will be presenting the following lecture:

Selection and Use of Adsorbent Resins for Thermal Desorption

This lecture will describe the varieties of adsorbent resins available for thermal desorption, their use and the selection of the appropriate resin for an application. The use of breakthrough volume tables will be discussed and how this data can be used to select a resin for a particular application and to enhance the analysis of thermal desorption samples.

Scientific Instrument Services is now on the Internet

Our URL address is:
<http://www.sisweb.com>

Our E-mail:
<http://www.sisweb.com/contact>

Stop in and visit our site. We have a lot here for the mass spectrometer user.

Terms and Conditions

Terms and Conditions

Scientific Instrument Services (S.I.S.) continues to supply "The Mass Spec Source" newsletter as a service to our customers. Printed six times a year, it includes articles and notes on new products and procedures of interest to mass spec and GC users. Papers from all fields of scientific inquiry in which mass spectrometry and gas chromatography can play a role will be considered and subject to review. However, S.I.S. reserves the right to reject any article that is in direct competition with S.I.S. products.

Articles and Application Notes

Editorials and reviews on new instrumentation and techniques for GC/MS will be considered for publication. These articles may be any length and our Graphics Department will aid you in any way you may need.

All articles and application notes in this publication are reviewed by two peer reviewers from the mass spectrometer community.

Mass Spec Tips

Any new ideas or tips that could benefit other mass spectroscopists can be submitted for inclusion in this section. Authors will be compensated \$100.00 for each tip published in this newsletter.

For Sale/Wanted

We advertise, for those looking to sell or buy, various mass spectrometers, leak detectors, gas chromatographs or other instrument parts. These parts may be new, used or reconditioned. Items are listed as described by the seller. If you wish to sell any mass spec parts or if you are looking for some particular part, please call Sandy Overton, editor (908) 788-5550. Be prepared to describe the item fully and indicate prices.

Laboratory Cartoons

S.I.S. will pay you for original cartoons related to the laboratory or GC/MS. We will consider cartoons related to GC/MS or any laboratory situation. Authors of cartoons printed in the Mass Spec Source will be paid \$50.00 for their contribution. Our Graphics department can aid you with illustrations.

For More Information

Anyone interested in writing in any of the areas above should contact Sandy Overton, the editor of the Mass Spec Source, at (908) 788-5550. We are always trying to improve this newsletter, if you have any suggestions please give us a call. Thanks for your continued support.

Warranty

S.I.S. does not warranty that the items described herein are usable or fit for a particular purpose. Our company makes no representation as to condition or character of the merchandise. S.I.S. will not be responsible for consequential or special damages.

"The Mass Spec Source"

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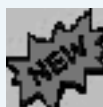
FAX: 908-806-6631

Scientific Instrument Services' Home Page on the Internet



Scientific Instrument Services
Supplies and Services for Mass Spectrometers,
Gas Chromatographs, Liquid Chromatographs and
Other Scientific Instruments

Welcome to the S.I.S. World Wide Web Home Page



GC Cryo-Trap

New programmable GC Cryo-Trap for the Cryo-cooling and cryo-focusing of volatiles and semi-volatiles at the head of GC capillary columns. Organics can be subsequently thermally released to produce highly resolved GC peaks



MS Links is designed to be an information source for the Mass Spec Community. Here you can find other WEB sites related to mass spec, information on ASMS, schedules of your local mass spec meetings, independent servicemen to service your equipment, employment opportunities, mass spec for sale and much more. Your frequent use of these sites as well as your additional input is encouraged

<http://www.sisweb.com>

If you're on the WEB, check out our Home Page. We have been working hard the last 2 months to complete as many pages as possible. By the time you read this, most of the reference material will be well under way and we will begin to enter our catalog on line. By January 1, 1996 we expect to have most of our products on line.

Our Home Page is designed to be a source of information for the mass spectrometer community. From our Home Page you can jump to many sections to get information of interest to you. Information such as Mass Spec Calibration Compound spectra, exact masses and relative isotopic abundances of the elements, employment opportunities, equipment available or wanted, independent servicemen as well as infor-

mation about Scientific Instrument Services and the products we manufacture and market for the mass spectrometer, gas chromatograph and liquid chromatograph. Order our catalog or newsletter on line or find out about our latest introductions in What's New. We plan to continuously expand our Home Page with suggestions and input from our customers and Internet users. Below are described the various sections of our Home Page and what you can connect to in the various sections.

What's New

This section is updated weekly with the latest products and services introduced by S.I.S., new sections added to our Home Pages, and news of interest to the mass spec community.

Products

Eventually this section will contain our entire product line. It will be much more complete than our catalog with additional information on the products we distribute including not only information of the products but applications, installation directions and much more. Right now this section is under construction but major sections should be finished by the end of the year.

Services

This section like our Products section is under construction. It will contain detailed information on the repair, design and manufacturing services offered by S.I.S. Again we expect that this section will be much more detailed than our catalog with detailed descriptions of our services and capabilities.

SIS Catalog

Our catalog is described here along with an on-line fill in form to order your free copy as well as other literature available from S.I.S.

Company Profile

A brief description of our company and the products and services that we offer to the scientific market.

Literature / Reference

We are doing something quite unique in

this section. We are reformatting and publishing all our application notes, technical bulletins, mass spec related articles and other reference material published by SIS over the last 18 years. This will give the scientific community continued access to this reference material. In preparing these on-line documents we have taken advantage of the color graphics capabilities of the computer. Check out the two articles on increasing mass spec sensitivity. Additional reference material in this section will include the MSDS data sheets on our products and past issues of our newsletter.

Ordering Information

Here you will find descriptions of our ordering process and how to order from S.I.S., either by phone, FAX or e-Mail. Hopefully next year we will be able to provide direct on line ordering from our Internet Pages.

International Dealers.

Here is a list of our international dealers and how to get in touch with them.

GC Cryo-Trap

This section will change from month-to-month. It will feature either new sections of our Home Pages or new products introduced by S.I.S. Check out the GC Cryo-Trap pages to get an idea of how complete the other product pages will be in the future. Here we not only describe the GC Cryo-Trap but provide you with Application Notes, operational instructions as well as the complete installation directions.

MS Links

MS Links is the heart of our Home Pages. This is the information source for the mass spec community. See the next page for a more complete description of this section.

MS Links

from Scientific Instrument Services
<http://www.sisweb.com/mslinks>



The MS Links section of our Home Page on the WEB is a collection of reference material and literature relating to mass spectrometers.

We have designed MS Links and will continue to maintain it for your continued use and reference. If you have suggestions about additional information that should be included or if you would like to make a contribution of information to this section, please give us a call. With your support and input we can continue to make this a valuable resource to the mass spec community. All contributors will receive recognition via headers or footnotes in their contributed material for their contributions. SIS can provide all setup, formatting and graphics services needed to put your information on line as part of our Home Pages.

Professional Mass Spec Groups and Meetings

In this section we will supply the latest information relating to your local mass spec groups, their meeting agenda and speakers. When these groups have their own home page, we will hyperlink to it. Information on the ASMS and a hyperlink to their new site under construction is included. In addition we provide a hyperlink to Murray's Home Page - a collection of other sites and reference material of interest to the mass spec user. This site is maintained and managed by Kermit Murray of Emory University. Also get information to subscribe to the Mass Spec Usenet New Group maintained by David Bostwick of Georgia Tech. This is a valuable source of information on what's new in the mass spec community as well as a forum to ask questions on problems you may be having as well as provide your contributions to helping others with their problems.

Mass Spec Services and Support

Need to find a serviceman to service your mass spec or another lab to analyze mass spec samples for you? You can probably find it here. If your company or university is not listed here, give us a call to be included in these pages. If you are looking for a used mass spectrometer, we have many listed in this section. Or if you would like to sell any used mass spectrometers and related equipment it can be listed here free of charge. Additional sections include the most popular page of our system - the employment page. Seems as if everybody is checking out the job market. In addition we have a listing of University Mass Spec Laboratory facilities and provide hyperlinks to these sites where available.

Mass Spec Reference Materials

Included here are all the application notes and reference materials published by SIS. Our Application Notes and Technical Bulletins have been reformatted with color graphics - a unique format for presenting scientific data. Even more important they will be here for easy and continued access. Also included is the SIS newsletter, MSDS data sheets on our products and Mass Spec Tips. Reference material such as mass spec calibration compound spectra, exact masses of the elements and isotopic abundances of the elements are also here. We expect this section to grow in the future with continued input and requests from our viewers.

Mass and GC Manufacturers

Need the address or phone number of a GC or Mass Spec manufacturer? We will have a listing here with hyperlinks to their site when available. Also listed is mass spec software available from various manufacturers as well as some available for free downloading. Again if you have software you have written that others may be interested in, it can be listed and downloaded to other here. Give us a call.

Other WEB Sites

Here we supply a link through the internet to other sites relating to mass spectrometers and related fields.

Our home page is designed to be a valuable resource for the mass spec community

Independent Servicemen Alphabetical Listing

Mass Spec users frequently request alternative sources of service for their GC and GC/MS instruments. Scientific Instrument Services is pleased to provide an alternative source of Independent Servicemen for mass spectrometers and gas chromatographs. These individuals and organizations can often supply timely and professional mass spec service at lower cost than the original manufacturer. Included in the following listings are the name, address and contact person as well as phone, fax and E-Mail numbers and the instruments and territories serviced.

If your organization services mass spectrometers or related instruments and is not listed here, give us a call and we would be happy to include your organization in the following listings. If you have a home page we can hyperlink to your page, or if you would like an expanded listing in our home page, this can also be accommodated.

Disclaimer: SIS makes no representation as to the competence or reliability of these individuals and/or laboratories. Our company is not responsible or liable for consequential or special damages.

▶ *For a complete up to date listing visit our home page on the internet <http://www.sisweb.com> and view this section under MS Links.*

Compo Analytical, Inc.

215 Gates Road Unit U Phone: 201-641-3936
Little Ferry, NJ 07643 Fax: 201-641-5544
Contact: Mark Barenburg E-Mail: compeo@aol.com

Instruments Serviced: Hewlett Packard, GC, GC/MS and Computers, Dynatech, Tekmar

Territory Serviced: Northeast US

Functionality

One Dundee Park, Ste 4 Phone: 508-470-1990 Fax: 508-470-1991
Andover, MA 01810 Southeast: 404-481-0802 Fax: 404-481-0206
Contact: Cathy Leh Midwest: 708-310-9005 Fax: 708-310-9808
E-Mail: function.usai.com West: Phone: 408-434-1631
Fax: 408-434-1637

Intruments Serviced: Finnigan, Hewlett Packard, Tekmar, Perkin-Elmer, Varian, Tracor/Tremetrics, OI Analytical, Best uninterruptable power supplies. Service contracts, depot repair, off and on site training, data system upgrades, networks and GC upgrades available.
Territory Serviced: Nationwide

Los Gatos Circuits, Inc.

2030 Fortune Drive, Ste. A Phone: 800-999-0599
San Jose, CA 95131-1823 Fax: 408-456-0906
Contact: Sheryl Rockwell

Instruments Serviced: Hewlett-Packard, Finnigan, VG/Fisons, Vestec 201, Extrel, Perkin-Elmer, Tekmar, Varian GC/MS/DS. Specialists offering field service and custom maintenance contracts. Providing

depot repair, exchange parts, data systems, sales and brokering.
Territory Serviced: United States, Canada, Pacific River

Mass Evolution, Inc.

330 Meadowfern Drive, #113 Phone: 713-875-6219
Houston, TX 77067-3227 Fax: 713-875-9658

Contact: Christian Fiot/Lynn Rye

E-Mail: maassevo@icsi.net

Instruments Serviced: Nermag, Finnigan 4500, Hewlett-Packard 5985, 5988, 5970B, 5990, 5992, 5993, 5995. Maintenance contracts available. Custom made development for all mass specs on hardware and electronic.
Territory Serviced: USA

Northeast Instrument Service, Inc.

PO Box 365, 50 Division Ave. Phone: 908-580-1002
Millington, NJ 07946 Fax: 908-647-8379

Contact: Edward Shaw

Instruments Serviced: Gas Chromatographs, Tekmar and Purge and Trap Systems

Territory Serviced: Eastern US, but flexible

Scientific Instruments Center

3593 Interchange Road Phone: 614-274-3377
Columbus, OH 43204-1499 Fax: 614-274-3381

Contact: Don Kovalchik E-Mail: jsms67a@prodigy.com

Instruments Serviced: Spectrophotometers, Atomic Absorption, GC, Microscopes, Finnigan 4000 Mass Spec, General Scientific Instrumentation

Territory Serviced: Ohio and surrounding states

SOLO Analytical Services

4445 Borland Road Phone: 919-563-6656
Efland, NC 27243-9612 E-Mail: solo@netpath.net

Contact: Allen Schumacher

Instruments Serviced: Finnigan, Hewlett Packard, Varian, Perkin Elmer, Tekmar and Extrel systems. Over fifteen years service experience. Quality service and prompt response, rates \$75.00 per hr.

Territory Serviced: USA and Canada

Spectratek Mass Spectrometry Services

PO Box 54489 Phone: 513-684-4138 or 800-252-5602
Cincinnati OH Fax: (606) 341-6499

Contact: Rich Yelton E-Mail: spectratek@aol.com

Instruments Serviced: Finnigan, GC/MS, Incos 50/500, TSQ 70/700. Emergency service, repair parts, custom design, service contracts and technical support. Over twenty years experience.

Territory Serviced: Nationwide/Worldwide

Spurlock Services

6949 Black Acre Trail Phone: 770-917-1732
Acworth, GA 30101 Fax: 770-974-4972

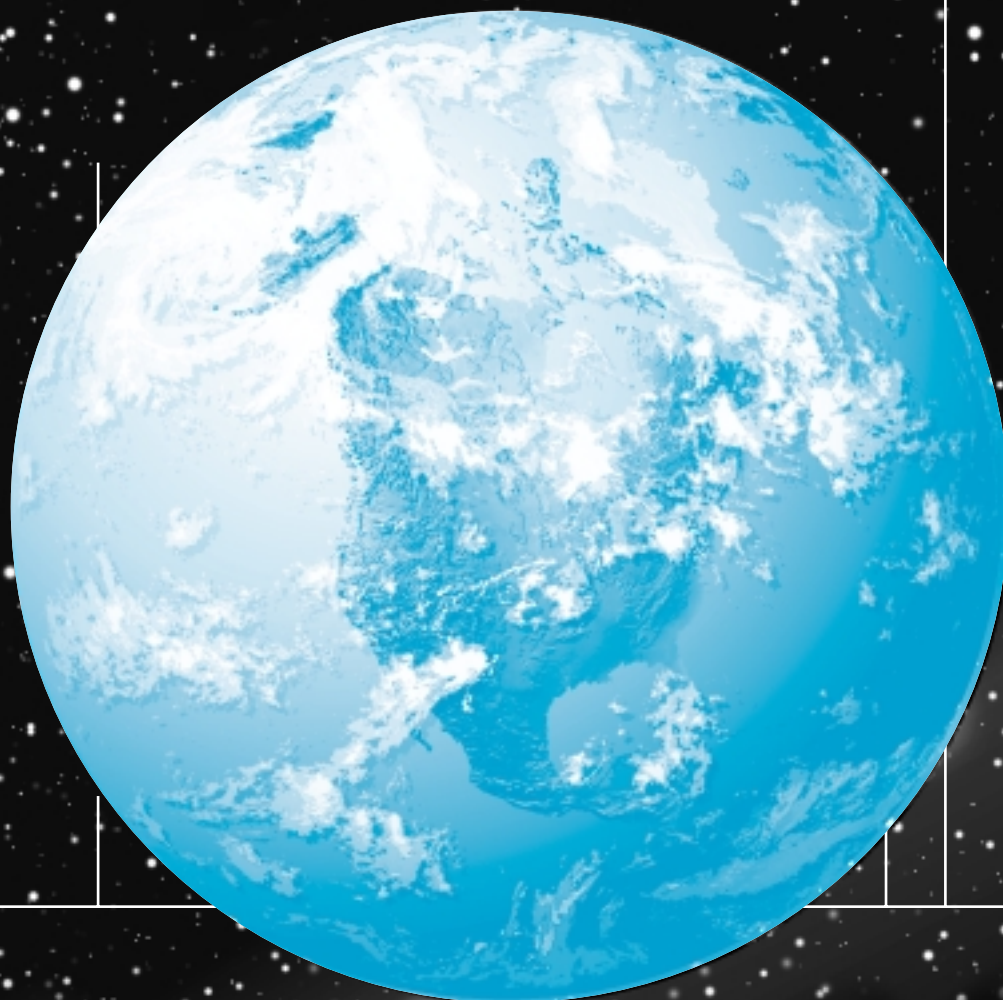
Contact: Gary Spurlock

Instruments Serviced: Finnigan, Hewlett-Packard, Best UPS and Xertex-Dohrman Analytical instruments. Free technical support, network trained, service contracts, billable service, depot maintenance and board exchange program. Will purchase retired/broken instruments.

Territory Serviced: Global

EXPLORE

THE WORLD OF MASS SPEC



Scientific Instrument Services
invites you to explore our new web site.

<http://www.sisweb.com>

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Ringoes, NJ 08551

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