

Accelrys #210,212

10188 Telesis Court, San Diego CA 42121

Tel: 858-799-5229 Fax: 858-799-5145

Web: www.accelrys.com

A leading computational science company, developing and delivering innovative scientific software applications and services that help to solve critical R&D problems. Our simulation and informatics software spans genetics, biology, chemistry, and materials science, integrating drug discovery and a wide range of applications in materials and chemicals research. These solutions enhance scientific insight and promote the flow of data, information, and knowledge throughout your discovery and development programs.

Advanced Photon Source #102

Argonne National Laboratory 9700 S. Cass Avenue, Argonne IL 60439

Tel: 630-252-5981 Fax: 630-252-9250

Web: www.aps.anl.gov

One of the world's foremost resources for high-resolution x-ray crystallography. APS beamlines provide radiation in the energy ranges and flux densities needed for cutting-edge research in many disciplines, including structural biology and materials science. The full capabilities of the APS are now available to the general scientific community through a centralized proposal process. Representatives from the User Office and various beamlines will be available for discussions.

Area Detector Systems Corporation #106,104

12550 Stowe Drive, Poway CA 92064

Tel: 858-486-0618 Fax: 858-486-0294

Web: www.adsc-xray.com

Developes and manufactures at its Poway California facility state of the art large area CCD array detector x-ray systems for protein crystallography applications. Over 57 Quantum systems have been successfully installed to-date at synchrotrons worldwide and has set an industry high quality standard coupled with an unblemished on-time delivery record. These systems are competitively priced and are fully warranted for two years with critical spare parts provided with each system without added cost including applicable custom user-friendly software.

Art Robbins Instruments #206

1293 Mt. View Alviso Road Ste. D, Sunnyvale CA 94089

Tel: 408-734-8400 Fax: 408-734-8420

Web: www.artrobbinsinstruments.com

A design and manufacturing company offering laboratory equipment and consumable products for liquid handling and protein crystallography. We will be introducing latest design in the Intelliplate crystallography plate and the Phoenix, a syringe based multi-position liquid handling platform which incorporates a combination of interchangeable multiple syringe heads and non-contact nano-dispensing. We also provide service contracts, refurbishing and syringes for the Hydra. In addition we offer refurbishing and syringes for the Tango syringe heads.

Australian X-Ray Capillary Optics Pty Ltd (AXCO)

#512

PO Box 4098, Parkville VIC 3052 Australia

Tel: 61-3-95107954 Fax: 61-3-9529 7721

Web: www.axco.com.au

Our PX series of single-reflection confocal monocapillary optics demonstrate the world's highest X-ray intensity for lab protein crystallography, far exceeding that of any multilayer optics product and permitting the complete structure analysis of microcrystals in the lab with synchrotron signal-noise ratios. At ACA we will also be exhibiting our x/HP system which produces the highest documented Mo-K α intensity for high-pressure diffraction using beams down to 20 μ m. Come and see our lab-ready systems designed for bolt-on and plug-in integration to all the latest X-ray sources or discuss how our unique optics can transform your X-ray analysis technique.

Axygen Biosciences #114

33210 Central Avenue, Union City, CA 94587

Tel: 510-494-8900 Fax: 510-494-0700

Web: www.axygenbio.com

Beevers Miniature Models #116

School of Chemistry, The University of Edinburgh

West Main Road, Edinburgh, UK EH9 355

Tel: 44-131-650-4825 Fax: 44-131-650-4824

www.bmmu.demon.co.uk

Blake Industries Inc. #301

660 Jerusalem Road, Scotch Plains NJ 07076

Tel: 908-233-7240 Fax: 908-233-1354

Exhibiting Huber and Blake instruments and accessories for x-ray diffraction and crystallography with sealed tube, rotating anode or synchrotron sources.

Bruker AXS Inc. #304

5465 E. Cheryl Pkway, Madison WI 53711

Tel: 608-276-3045 Fax: 608-276-3006

Web: www.bruker-axs.com

Provider of advanced X-ray solutions in life sciences, chemical and materials science. Our new products for protein crystallography includes the ultra-bright MicroStar-H rotating anode generator which delivers X-ray intensities that rival second-generation synchrotron beamlines and the Platinum CCD; the fastest and most sensitive detector ever for protein crystallography. The new X8 Prospector is a low cost-of-ownership system for protein crystal screening. The CrystalFarm 150 incubation and screening systems produces better quality crystals faster. The industry-leading APEX II small molecule CCD systems feature the highest sensitivity for all types of crystalline samples, including micro crystals and weak diffractors, twins, strong absorbers, charge density studies, modulated structures and diffuse scattering

Cambridge Crystallographic Data Centre #610,612

12 Union Road, Cambridge CB2 1EZ United Kingdom

Tel: 44-1223-336408 Fax: 44-1223-336033

Web: www.ccdc.cam.ac.uk

Access the world repository of validated crystal structure data for small organic and metal-organic compounds. The Cambridge Structural Database System comprises the database itself and comprehensive tools to search, visualise and analyse: molecular dimensions, conformational preferences, pharmacophoric patterns and intermolecular interactions. The CCDC also develop a range of applications software – GOLD (protein-ligand docking and post analysis of docking solutions), Relibase+ (search and analysis of protein-ligand complexes), SuperStar (protein-ligand interactions) and DASH (crystal structure solution from powder diffraction data).

CCP4**#604**

Daresbury Laboratory
Keckwick Lane, Warrington Cheshire
United Kingdom WA4 4AD
Tel: 44-1925-603929 Fax: 44-1925-603825
Web: www.ccp4.ac.uk

The Collaborative Computational Project No. 4 (CCP4) provides a software suite for macromolecular structure determination by X-ray crystallography used by academic institutions and commercial organizations around the world. Income from the project supports maintenance, distribution and development of the software, and funds additional activities including sponsorship of educational workshops, an annual Study Weekend, hosting e-mail discussion lists, and producing a bi-annual newsletter. CCP4 staff will be available to discuss any aspect of the project, including the latest release (6.0), the CCP4 molecular graphics program, the graphical user interface (CCP4i), and the data processing package MOSFLM.

Computing in Science & Engineering #600

AIP, One Physics Ellipse, College Park, MD 20740
Tel: 301-209-3005 Fax: 301-209-0842
Web: cise.aip.org

Computing in Science & Engineering (CiSE) magazine helps scientists to apply high-end software to their research. Written by scientists and peer-reviewed, CiSE creates a forum for computational research that's easily accessible to scientists in many different fields. Stop by the booth for free CDs, back issues and pens.

Corning Incorporated**#107**

One Riverfront Plaza, Corning NY 14831
Tel: 607-974-7557 Fax:
Web: www.corning.com/lifesciences

A diversified technology company, manufacturing high-quality, and high performance consumables for the life science market. With expertise in surface chemistry, injection molding and material science, Corning offers plastic products to service the field of cell culture, liquid handling, filtration, genomics, and high throughput screening. Corning will be highlighting its 96 and 384 well protein crystallization plates

CRYO Industries of America Inc. #400

11124 S. Willow Street, Manchester NH 03103
Tel: 603-621-9957 Fax: 603-621-9960
Web: www.cryoindustries.com

Celebrates 21 years of making Cryogenics for Researchers with an ACA show special - CRYOCOOL-PC Nitrogen Temperature Gas Stream Cooler for only \$8,950.00! Plus, our new 2nd generation cryogen free models offer incomparable performance; the LG even makes extra LN2 for lab use. Our 4.5 K cooler can help unlock new crystal secrets. CRYOCOOLS can be customized to your needs.

CrystalMaker Software Ltd. #511

Begbroke Science Park Building 5, Sandy Lane
Yarnton Oxfordshire OX51PF United Kingdom
Tel: 44-1865-309643 Fax: 44-1865-309644
Web: www.crystallmaker.com

Develops innovative computer software for visualizing crystal and molecular structures on personal computers. Our award-winning CrystalMaker program provides spectacular, real-time visualization of structures with direct interaction and measurement tools - in an elegant, easy-to-use interface. CrystalMaker integrates with our diffraction packages - SingleCrystal and CrystalDiffract - to provide a complete crystallographic solution, with simulation and analysis of x-ray and neutron powder diffraction, electron diffraction, reciprocal lattice sections and stereographic projections.

Cyviz LLC**#606**

4439 Cox Road, Glen Allen VA 23060

Tel: 804-521-3044 Fax: 804-935-0165

Web: www.cyviz.com

Viz3D redefines the price point for large screen affordable immersive visualization. It is the lowest cost, highest quality, large screen immersive visualization solution currently available to the scientific, medical, and technical markets today. Viz3D will work with any application capable of outputting frame sequential 3D images, without the added burden of code or configuration file changes. Use it with all popular Crystallographic software. Viz3D promotes collaboration for analysis for fast and accurate decision making.

Douglas Instruments**#204***Westfield Farms, East Garston Berkshire RG177HD United Kingdom*

Tel: 44-1488-649090 Fax: 44-1488-648975

Web: www.douglasinstruments.com

Designs and manufactures the Oryx system for automatic protein crystallization. Oryx performs sitting drop vapor diffusion and microbatch dispensing and routinely dispenses drops of 100nl. It handles both screening and optimization with specialist software for automated experiment design. In all cases virtually no protein is wasted - a 96-well sitting drop plate needs only 9.8 microlitres of protein. The company also makes the Vapor Batch and Crystal Clear Crystallization plates for microbatch and sitting drop.

Emerald BioSystems**#103***7869 NE Day Road West, Bainbridge Island WA 98110*

Tel: 630-783-4858 Fax: 630-783-4909

Web: www.emeraldbiosystems.com

Offering sophisticated laboratory automation tools for protein crystallography and formulation studies including liquid handling robotics (Matrix-Drop Maker™ and Protein Maker™), microscope plate hotel systems (CrysTEL™), and integrated data base control software (Crystal Miner™). Our newly released Gene Composer™ software automates the design of expression optimized synthetic gene constructs for improved crystal growth. Together with our well-known line of consumable products including Crystal Growth Matrices (i.e. Wizard™), custom screens (Sorcerer™), and crystallization plates (i.e. Clover Plates™), our systems offer the component flexibility to eliminate the bottlenecks in your gene-to-structure research.

Fluidigm Corporation**#310,312***7100 Shoreline Court, So. San Francisco CA 94080*

Tel: 650-266-6014 Fax: 650-871-7152

Web: www.fluidigm.com

Our TOPAZ™ System for protein crystallization dramatically increases the efficiency of the structure determination process. Fluidigm's system approach greatly reduces protein sample need per condition to < 1nl, and utilizes free interface diffusion kinetics to accelerate the discovery process. Automated image acquisition and crystal scoring maximizes ease of use. Please visit us at Booth #310, 312 or www.fluidigm.com for more information.

Formulatrix Inc.**#211, 213***216R Newton Street, Waltham, MA 02453*

Tel: 781-788-0228 Fax: 781-207-5522

Web: www.formulatrix.com

Provides a complete end to end hardware and software solution for automating protein crystallography. Rock Maker, is a multi-user, easy to use software solution that automates and tracks the entire protein crystallization process including experiment design, liquid dispensing, plate storage and retrieval, and imaging. Come check out Rock Imager 24 and Rock Imager 1000, our ultra high quality, automated imaging and plate storage and retrieval systems at ACA.

Genomic Solutions #113

4355 Varisy Drive , Ann Arbor MI 48108
Tel: 734-975-4800 x 290 Fax: 734-975-4808
Web: www.genomicsolutions.com

Automated Honeybee Protein Crystallization System: Honeybee systems are designed with components to support protein crystallization experiments. Proprietary synQUAD allows fast, non contact dispense of both mother liquor and proteins. Dispense "on the fly" or in "step and repeat mode". Honeybee Systems are designed to support Microbatch, Sitting Drop, Hanging Drop, and Combinatorial Dispense applications. Hummingbird Systems provide fast, highly parallel non contact dispensing and transfer of compounds. The proprietary Hummingbird involves sipping of sample from a source plate using narrow-bore glass capillaries. Transfer occurs by aspirating sample using capillary action followed by dispensing with a pulse of air. Hummingbird cassettes hold 96 or 384 capillaries in a format to fit standard plates Cartesian Pipettor: The Cartesian Pipettor provides non Contact dispense via air displacement technology. Transfer up to 550 uL from a deep well plate to crystal plates with a simple GUI interface.

Gilson, Inc. #404,406

3000 W. Beltline Hwy PO Box 620027, Middleton WI 53562-0027
Tel: (800) 445-7661, Fax: 608-831-4451
Web: www.gilson.com

A leading manufacturer of protein crystallography instrumentation for the pharmaceutical and biotechnology industries. With Gilson innovations, the process of preparing crystals is faster and easier than ever before. Gilson's 925 PC Workstation automates the preparation of protein crystallography experiments in minutes and is designed for high-throughput screening for hanging, sitting, and microbatch crystallography. This versatile workstation accepts many types of crystallography plates, including Greiner™, Neuro Probe™, Corning™, and Intelli-Plate. Gilson's range of systems work with 96- or standard 24-well formats, providing the ideal instruments to fit a variety of needs. Flexibility, reliability, and performance make these workstations invaluable tools for creating diffraction-quality crystals.

Greiner Bio-One Inc. #513

1205 Sarah Street , Longwood FL 32750
Tel: 407-333-2800 Fax: 407-333-3001
Email info@us.gbo.com
Web: www.gbo/bioscience

As an emerging technology for structural genomics and drug-design, protein crystallization will require increasingly efficient methods to investigate crystal growth. Integrating expertise in HTS and plastics molding, Greiner Bio-One has opened a world of opportunities with new developments for protein crystallography. Specialty designs enable simultaneous examination of multiple conditions to select those most conducive for crystallization. Enhance capabilities, efficiency, and throughput with instrument-compatible microplates. CrystalQuick™-Plates enable up to 288 sitting-drops in a 96-Well framework, with Low-Birefringent versions for polarized-light. Expedite microbatch in 96 and 1536-Well IMP@CT™ Plates for manual and automated systems. Perform sitting / hanging drop diffusions with 24-Well ComboPlates.

Hampton Research #413

34 Journey, Aliso Viejo CA 92656
Tel: 949-425-1321 Fax: 949-425-1011
Web: www.hamptonresearch.com

Crystallization Research Tools and Solutions for Crystal Growth since 1991. It's going to be a busy meeting, but please take a moment to stop by, say hey, grab a copy of the 2005 Hampton Research catalog with over 1,500 crystallization research tools, sign up for CrystalNews, and get some swag.

Incoatec GmbH**#305***Max Planck-Str. 2 , Geesthacht D-21502 Germany**Tel: 49-4152-889-381 Fax: 49-4152-89-383**Web: www.incoatec.de*

Develops and manufactures sophisticated x-ray optics for in-house crystallography and synchrotron applications in the fields of life science and materials research, such as small molecule and protein crystallography, high-resolution X-ray diffraction, wavelength dispersive X-ray fluorescence, micro-beam diffraction and small angle X-ray scattering. We offer ultra precise thin film coatings on various substrates according to client-specific requirements using modern deposition technology. Our latest multilayer coated Montel optics and single bounce mirrors are the most brilliant optics for your single crystal diffraction experiments providing a 2D focussed and well collimated monochrome beam. Total reflection and multilayer mirrors for high-energy radiation "Made in Geesthacht" define the standard at various international synchrotron sources. Along with more than 10 years of expertise in thin film and deposition technology we offer you qualified consultation including calculations of X-ray optical properties and complete beam path simulations. We look forward to welcoming you at our booth.

Innovadyne Technologies, Inc.**#505***PO Box 7329 , Santa Rosa CA 95407**Tel: 707-547-2530 Fax: 707-547-2501**Web: www.innovadyne.com*

The cost of producing purified protein for high-throughput screening is expensive, so the use of robots to dispense the protein without much waste and without denaturation is crucial. The low volume, non-contact dispensing and fast cycle time requirements of high-throughput protein crystallography are an excellent fit for Innovadyne's technology. We offer 8-tip and 96+8-tip high-precision dispensing instruments for crystallography that can perform all of the liquid handling steps with a single device -- preparation of fine and coarse mother liquor screens (including random screens), transfer of mother liquor to crystal plates and subsequently to drop chambers or hanging drop plates, and the non-contact addition of the protein of interest using a single tip. The long-term reliability of Innovadyne instruments is exceptional, due to our patented flow-path technology that isolates the microsolenoid valves from reagents and samples, and the tips are washed between dispenses using an integrated wash station, rather than requiring replacement. With our Screenmaker(tm) 96+8 instrument, a screen can be delivered in less than 60 seconds, including wash.

Kendro Lab Automation**#510***308 Ridgely Court, Asheville NC 28806**Tel: 828-658-2853 Fax: 828-645-0726**Web: www.kendrolabautomation.com*

The Rhombix Series is developed, sold, and supported by Kendro Lab Automation. A "data-centric" approach uniquely identifies the methodology incorporated into all of our products. We believe that the knowledge to solve and use protein structures is gleaned from data derived from many aspects of the scientific process. Our tools have been designed from the ground up to collect, manage, and mine the data that describes everything from process definitions to analytical results. Over the years, we have developed expertise in key areas necessary to successfully develop products that support scientists in every step of the crystallization process. These include image acquisition/processing, database management, large-scale data storage, global data sharing, intuitive data mining, distributed process control, and remote system support. We also provide a world-wide service and support network for all Rhombix software and hardware products.

Malvern Instruments #307
10 Southville Road , Southborough MA 01772
Tel: 508-480-0200 Fax: 508-460-9692
Web: www.malvern.com

Manufacturer of Particle Characterization Systems including laser diffraction particle size analyzers for powders, sprays and suspensions, compact goniometer systems, in-process particle size analyzer addresses the FDA's PAT initiative, particle shape using automated imaging techniques. On display, the new Zetasizer Nano that combines the measurement of particle size, zeta potential and molecular weight of molecules and nano-sized particles such as proteins. With the first zero maintenance cell for zeta potential it can measure particle size of samples with volumes of 12 μ L, and particle sizes below 1 nm diameter.

MarUSA, Inc. #410
1880 Oak Avenue, Evanston IL 60201
Tel: 847-869-1548 Fax: 847-869-1587
Web: www.mar-usa.com

Mar USA develops, manufactures, and markets imaging detector systems for X-ray diffraction applications: The mar345 Imaging Plate system, the 165 mm diameter marccd, and three marmosaic ccd-based detectors (225, 300, and 325 mm). These systems have set the standard at synchrotrons for high performance – highest data quality, high speed, ease of use and ultra reliability. The highly automated mardtb goniostat is now available with the marcsc accessory. This cryogenic sample changer automatically mounts and safely retrieves samples under computer control. The combination of a marmosaic detector and mardtb goniostat with the cryogenic sample changer provides a reliable and remarkably affordable synchrotron end station for protein crystallography. A mar345 scanner or marccd, combined with the mardtb and marcsc, is the ideal complimentary screening station for the home lab.

Matrix Technologies Corp. #105
22 Friars Drive, Hudson, NH 03051
Tel: 603-595-0505 Fax: 603-595-0106
Web: matrixtechcorp.com

Provides a complete line of liquid handling products for crystallization applications. Products range from high-throughput handheld electronic pipettors to pipet tip and syringe based automated liquid handling robots. Matrix also offers a full line of related consumables for secure, traceable sample storage in plates or tubes as well as a complete line of microplates. Highlighting the range of automated instrumentation is the Hydra II Plus One, a 96 or 384 channel low volume liquid handler with single channel nanoliter dispensing technology. This technology makes it an ideal choice for filling crystallization microplates.

Microcal, LLC #402
22 Industrial Drive East, Northampton MA 01060
Tel: 413-586-7720 Fax: 413-586-0149
Web: www.microcalorimetry.com

Manufacturer of ultrasensitive VP-Isothermal Titration and Differential Scanning Calorimeters which are capable of rapidly characterizing binding and structural properties of biomolecules in highly automated, easy to perform experiments. The VP series represents major advancements in sensitivity, reproducibility and stability, which translates into smaller sample requirements and greater precision.

Mitegen, LLC**#303***PO Box 3867 , Ithaca NY 14852**Tel: 607-592-8812 Fax:**Web: www.mitegen.com*

Manufactures and distributes microfabricated tools for protein and small molecule crystallography, including MicroMount™ and MicroMesh™ crystal holders for crystal retrieval, flash cooling and cryocrystallography, and the MicroRT™ system for rapid room-temperature screening. A breakthrough in crystal handling and mounting, MicroMounts are ideally suited to manual or automated data collection using crystals as small as 5 micrometers and minimize background scatter and simplify cryoprotection. When used with the MicroRT™ system, diffraction throughput can be increased by a factor of five or more.

Molecular Dimensions Inc.**#112***Unit 4 Northfield business Park Northfield Road, Soham**Cambridgeshire CB7 SUE United Kingdom**Tel: 44 (0)1353 722177 Fax: 44 (0)1353 722119**Web: www.moleculardimensions.com*

Supplier of innovative protein crystal growth screens developed within our customers' laboratories as well as, plates, coverslides., and protein expression media including SeMet. Molecular Dimensions sells the only cooled incubators specifically designed for crystal growth. With ± 0.5 C accuracy from 0 – 50 C these incubators operate virtually vibration free. Now a new bench-top model is available to compliment the popular 6.36, 8.83 & 13.77 cubic foot range. At ACA 2005 Molecular Dimensions will demonstrate mosquito™: robotic liquid handling for setting up protein crystallization drops.

Nextal Biotechnologies Inc.**#503,505***1751 Richardson S6101, Montreal Quebec H3K1G6 Canada**Tel: 514-849-8057 Fax: 514-849-4588**Web: www.nextalbiotech.com*

Nextal tailors to the needs of crystallographers from around the world by providing unique products for protein crystallization. With Nextal, you can choose the right format (Pre-Filled Crystallization Tool, Pre-Filled microplates, DWB, 10ml tube) from the widest and most systematic screening platform. Nextal's screening Suites are prepared with the highest standard of Quality. Our unique on-line access to production reports rapidly provides you with all the details you need to reproduce your crystals. Enhance your Optimization Step with new additions to the Optimizer Series. Nextal supports you from screening to optimization. Come and get you screening Suite poster today!

Osmic, Inc.**#411***1900 Taylor Road, Auburn Hills MI 48326**Tel: 248-232-6400 Fax: 248-232-6500**Web: ww.osmic.com*

Come see what's new from the pioneer and technology leader in multilayer x-ray optics. Our patented line of VariMax™ optics provide the highest flux, superior spatial and spectral beam definition, and an adjustable divergence offering excellent resolution and data quality for protein crystallography." Osmic offers a full line of standard and customized optics and source-optic beam modules, designed for single-crystal, small angle x-ray scattering, x-ray reflectivity, x-ray diffraction, micro x-ray diffraction, and more!

Oxford Cryosystems #606

7 Jackson Road, Devens MA 01434
Tel: 978-772-7930 Fax: 978-772-7945
Web: www.oxfordcryosystems.com

Oxford Cryosystems started manufacturing the original Cryostream Cooler in 1985 and is still a leader in cryostat design. This year we are launching the Cobra - our new NON-LIQUID Cryostream with a temperature range of 80-500 K and a fast cool down time of 30 minutes. The Cobra will compliment our Cryostream range including the 700 series & the Cryostream Plus. The company also produces the HeliX, an open flow helium cryostat and the Phenix, a revolutionary 11K helium cryostat for powder diffraction. Other products include the Metripol, a birefringence imaging system, Cryoaccessories and a software suite, Crystallographica, incorporating Crystallographica Search Match (CSM), both of which can be downloaded for free trial periods at www.crystallographica.com

Oxford Diffraction #202,204

130A Baker Avenue Ext., Concord MA 01742
Tel: 978-371-5506 Fax: 978-369-8287
Web: www.info@oxford-diffraction.com

Designs and manufactures chemical and protein single crystal X-ray diffraction equipment. Our superior products include the newly launched 'Xcalibur 3' featuring the direct taper 'Sapphire 3' CCD detector, the revolutionary protein diffractometer 'Xcalibur PX Ultra' and the patented 'Helijet' open flow helium jet. 'Xcalibur PX Ultra' features a four circle kappa goniometer, the revolutionary 'Enhance Ultra' X-ray source; which provides comparable X-ray intensity to a 5 kW rotating anode fitted with multi-graded Confocal optics from a 2.2 kW sealed tube and the patented 165 mm large area 'Onyx' CCD detector.

RCSB Protein Data Bank #602

Rutgers Chemistry, 610 Taylor Road, Piscataway NJ 08854-8087
Tel: 732-445-0103 Fax: 732-445-4320
Web: www.pdb.org

An information portal for researchers and students interested in structural biology. At its center is the PDB archive - the international repository for the structural data of biological macromolecules. The RCSB PDB is a member of wwPDB.

Rigaku #506

9009 New Trails Drive, The Woodlands TX 77381
Tel: 281-363-1033 Fax: 281-364-3628
Web: www.rigakuMSC.com

A leading resource for single-crystal X-ray diffraction hardware, software and contract services, offers fully integrated small and macromolecule solutions. These include the Phasing HomeLab, microfocus generators, detectors, integrated optics, and cryo-cooling devices. Our RoboDesign line of automated protein crystallization, crystal storage, inspection and analysis products serve the pharmaceutical and structural genomics communities. Our agreement with Proteros Biostructures makes their Crystal Humidity Optimization Procedure widely available to rescue poorly diffracting crystals. Visit our booth to see AGENT, which enables a single ACTOR to service multiple detectors, MicroMax 007HF high flux generator, the Entry Level System, and our small molecule solutions, the R-AXIS SPIDER and AFC-kappa/Saturn70.

SER-CAT**#605**

*Southeast Regional Collaborative Access Team B202 Life Sciences Bldg
University of Georgia, Athens GA 30602
Tel: 706-583-8243 Fax: 706-542-3528
Web: www.ser-cat.org*

An organization consisting of 23 member institutions, was formed in 1997 to provide third generation x-ray capabilities to macromolecular crystallographers and structural biologists in the southeastern United States. Once established, the consortium quickly grew to include members from various regions across the country. The facility consists of an ID and BM beamline, located at Sector 22, Advanced Photon Source, Argonne National Laboratory. A total of 268 members and collaborators collected data at SER-CAT in 2004, resulting in 64 publications and 77 PDB entries. In January 2005, the SER-CAT ID beamline began accepting users through the APS General User Program.

Tri Tek Corp.**#110**

*5263 Steward Road, Sumerduck VA 22742
Tel: 540-4393690 Fax: 5404394009
Web: www.triteckcorp.com*

CrystalPro II is a fully integrated, computer controlled, high throughput, variable zoom microscopy system designed for detecting tiny crystals in large fields of view, now with higher depth of focus. Unique custom software includes CrystalLIMS (a laboratory information management system and database), and CrystalWEB (remote access software) for reviewing results. CrystalLIMS stores experiment parameters including reservoir and well ingredients, drop images, scores, and X-Ray diffraction data.

Wyatt Technology Corporation**#507**

*6300 Hollister Avenue, Santa Barbara CA 93117
Tel: 805-681-9009 Fax: 805-681-0123
Web: www.wyatt.com*

Displaying its new DynaPro TITAN technology (formerly from Protein Solutions) and its new multi-angle light scattering (MALS) technology, the DAWN EOS. The DynaPro represents the state-of-the-art in Dynamic Light Scattering (DLS) instrumentation for protein characterization. With the new DynaPro Plate Reader, you can automatically perform high throughput screening using industry-standard 96 or 384 well plates. The DAWN represents the industry standard in determining the absolute masses and sizes of proteins in solution. These detectors interface with any HPLC separation technology and can confirm such diverse phenomena as aggregation, molecular assembly or disassociation, and antigen-antibody reactions.

Xenocs S.A.**#111**

*19, rue François Blumet, Sassenage 38360 France
Tel: 334-76269540 Fax: 33476269549
Web: www.xenocs.com*

With the FOX product family, Xenocs proposes a versatile solution for all instrument configurations and every x-ray analytical techniques including: single crystal diffraction, protein crystallography, saxs/waxs, reflectometry, microdiffraction, x-ray spectroscopy & imaging, x-ray fluorescence, EPMA. Xenocs' single reflection FOX2D optics efficiently shape the x-ray beam in two dimensions which improves both your throughput and data quality. Major x-ray analytical instrument manufacturers as well as renowned research laboratories have already awarded their confidence to Xenocs solutions after careful evaluation of other products and technologies available on the market