

POSITIONS AVAILABLE

✓ Abbott/Ross Laboratories is seeking a Senior Research Level Electron Microscopist - to maintain our technical leadership in electron microscopy. Emphasis will be on biological EM but also included are food products and health care devices. Must appreciate both the mechanism of sophisticated nutritional products in human and animal clinical studies and the colloidal systems underlying infant and ethical nutritional products. A minimum of 10 years of industrial/academic experience with SEMs and TEMs is required and a Ph.D. is preferred. An excellent compensation and benefits package, plus relocation to our new corporate campus in the northeast suburbs of Columbus, Ohio, will be provided. Send resume to: Fred Costaschuk, Ph.D., Ross Laboratories, 625 Cleveland Ave, Columbus, Ohio 43215.

USED EQUIPMENT FOR SALE

- ✓ **AUS JENA** microscope model 28605 with Nikon 4X camera. Includes other accessories. Asking \$1,150. Contact Tom Drake, Tel.: (715)474-2465, Fax: (715) 474-2496.
- ✓ Zeiss **AXIOMAT** mounted over **ANORAD** 3-axis system on granite block, also mini-SEM tabletop. Call Del at (602)256-8447.
- ✓ **AMRAY 1000 SEM** with PC-based **Micro.EDS** x-ray microanalysis system. Complete including installation and training. Contact Bill Stewart, Dapple Systems: Tel.: (408)733-3283, Fax: (408)736-2350.
- ✓ **PHILIPS EM300**. Surplus at the University of Kansas and available to the highest bidder. Used primarily as a biology instrument with only one user. Call Dr. Bruce Cutler: (913)864-4140.
- ✓ **SORVALL MT2B ULTRAMICROTOME**. 10 years old, never used. No scope. \$7,500. Contact Ted Century, Tel.: (215)843-6540.

Microscopes And Accessories for the Modern Microscopist

McCrone Accessories & Components 1992 catalog, "Microscopes and Accessories for the Modern Microscopist" provides an one-stop-shop for light microscopists in such diverse fields as Forensic Science, Chemical Microscopy, Geology, Art Conservation, R&D, Environmental Analysis, etc.

Featured items in the catalog include: Olympus microscopes & accessories, video & camera equipment adaptable to most microscopes, portable hoods, reference slide sets & texts, slides/coverslips, sample handling tools, microscope cleaning/maintenance kits, etc.

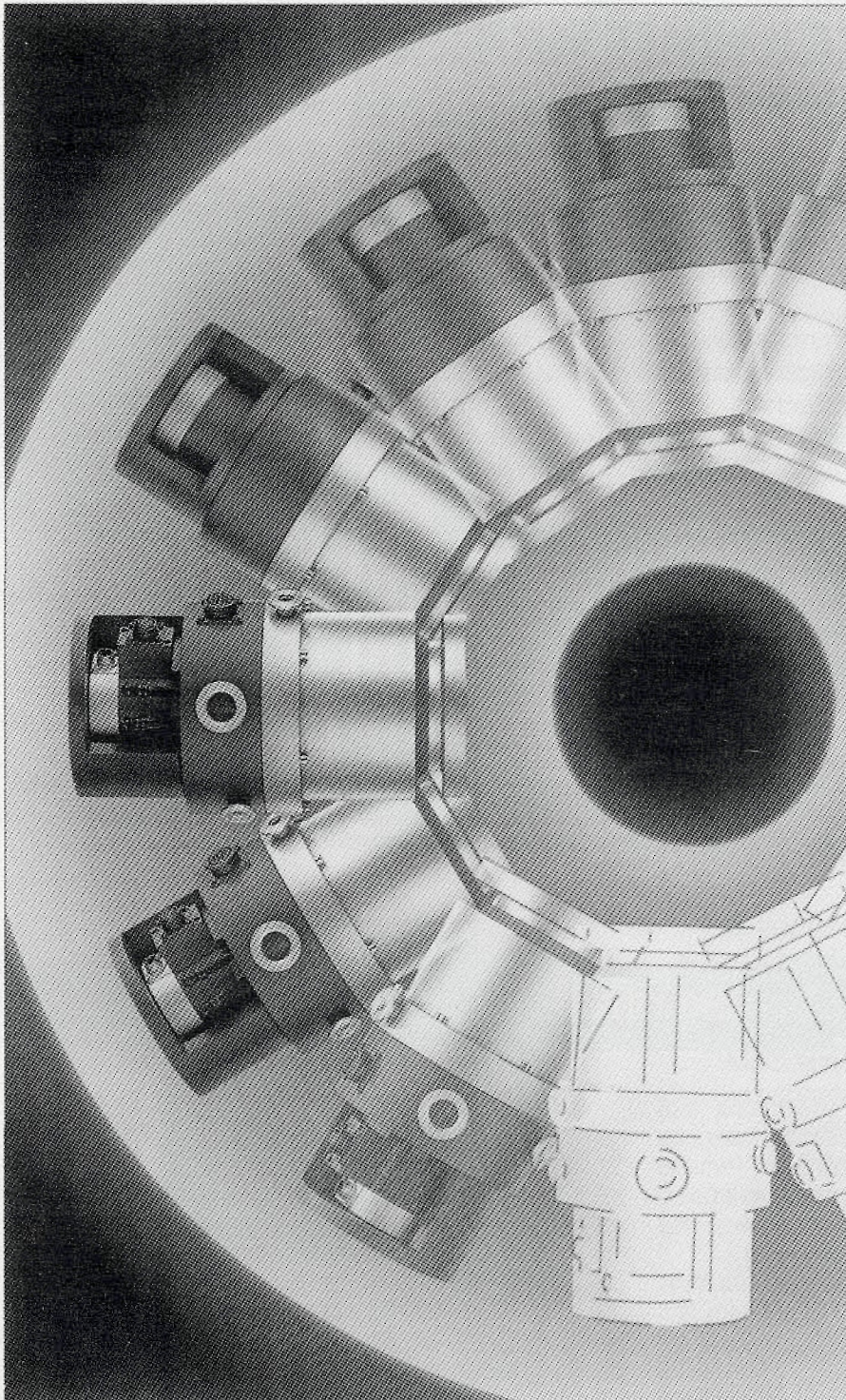
McCrone Accessories & Components is a member of the McCrone Group, internationally known for its pioneering work in materials characterization, small particle analysis and advanced microscopy.

MAC **MCCRONE ACCESSORIES & COMPONENTS**
850 PASQUINELLI DRIVE • WESTMONT, ILLINOIS 60559 USA • 708/887-7100

800 533 2156

MicroStar
DIAMOND KNIVES

IT'S RELIABLE...CLEAN... MAINTENANCE FREE



...It's The Magnetic Bearing TURBOVAC® 340 M

New application areas of research, instrumentation and semiconductor manufacturing demand this pump.

It's cost effective because it's the top performer in compression, pumping speed, cooling, start up time, bake out time, operating behavior. . .and it's maintenance free.

Exclusive features:

- Unrestricted installation
- Standard purge gas device
- Operates in any H₂ process
- Non-sensitive to magnetic field influences
- Ion-sensitive to power failure—no batteries or accumulators required
- Self-centering in case of mechanical shock

The 340 M Turbopump is user friendly and always ready to operate on command.

Need a turbomolecular pump?

Give us a challenge!

Call 1-800-433-4021

In Canada: 416-851-7327

**LEYBOLD VACUUM
PRODUCTS INC.**

5700 Mellon Road, Export, PA 15632-8900

Worldwide:

LEYBOLD AG, Bonner Strasse 498, D-5000 Cologne 51

Innovative Vacuum Technology



A Degussa Company

Be Prepared...

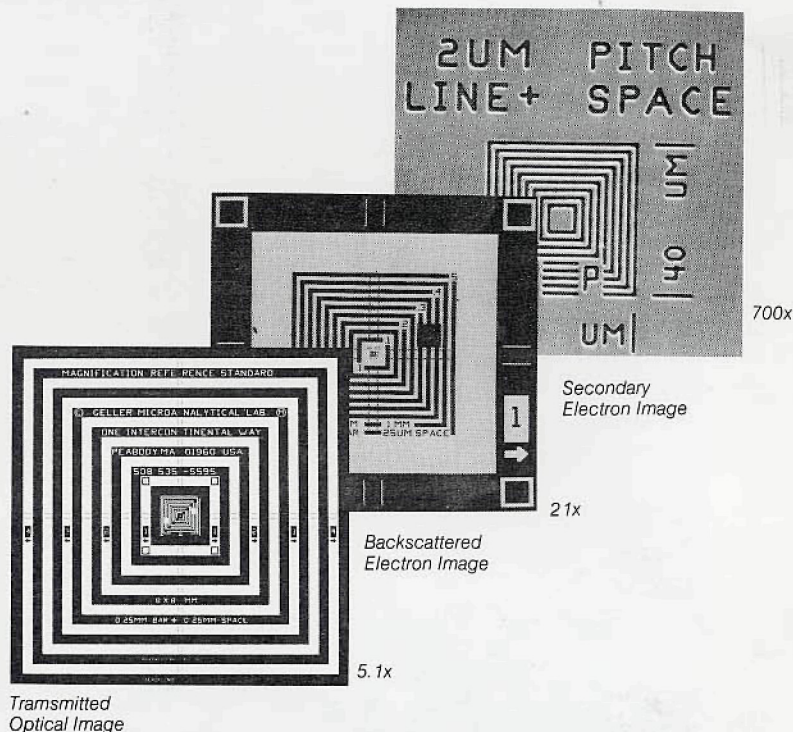
for ISO-9001, Malcolm Baldrige and TQM (Total Quality Management)

See us in Booth 533
EMSA/MAS — Boston

Geller MicroAnalytical Laboratory has faced what you may now be facing. The customer wants to know your measurement accuracy. The answer is a result of the instrument's calibration which necessitates the use of standards. Unfortunately, there are few calibration standards available from NIST (National Institute of Standards & Technology) and other national laboratories. This is where we come in.

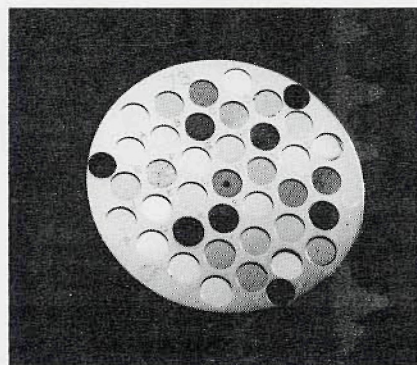
NIST Traceable Magnification Reference Standard

One standard addresses magnification calibration for optical microscopy (transmitted and vertical illumination), confocal, SEM (backscattered and secondary) and even TEM (secondary electrons), all without charging! This NIST traceable standard has a useful range for both the horizontal and vertical axes at any magnification from 10X to 50,000X. The copyrighted design allows for the direct measurement of distortion.



Elements/Compound/Alloys/Glasses & Mineral Standards for Microanalysis

Now you can benefit from a choice of over 250 materials specifically prepared and analyzed for micro-analysis including surface analysis, SEM/EDS, EPMA, micro FT/IR, etc. These standards are designed and built for ultra-high vacuum compatibility — which means lower contamination — which means lower contamination. They are individually polished so there is no possibility of cross contamination of the softer metals (e.g. lead) over harder ones (tungsten).



Circular Retainer Standard Configuration

Analytical Services

Geller MicroAnalytical Laboratory is committed to offering the most accurate and precise analytical services (SEM, Electron Microprobe, Auger electron spectroscopy, profilometry, metallography and quantitative metallography) available. That is why we were compelled to produce the above (and other) products.



**GELLER
MICROANALYTICAL
LABORATORY**

One Intercontinental Way
Peabody, Massachusetts 01960
Phone: 508/535-5595 FAX: 508/535-7653

... because a μg of understanding is worth a ton of guessing.