

---

## INDEX TO ADVERTISERS

---

Advanced Microscopy Techniques	A5
Brüker AXS	A13
Cambridge University Press	116
DiATOME	Cover 3
EDAX	A12
Electron Microscopy Sciences, EMS	A9, 113, 115
Gatan	A3
JEOL	Cover 4
Leica Microsystems	Cover 2
Micro Star Diamond Knives	A16
MSA Call for Papers, Portland Meeting	A14
SPI Supplies	A6, A15
Ted Pella	A14
XEI	116

---

# DiATOME Diamond Knives

Development, Manufacturing, and Customer Service since 1970

## What have we achieved in this period?

### ultra 45°

the first diamond knife with an absolutely score-free, hydrophilic cutting edge.

### semi

the first diamond knife for alternating sectioning ultrathin/semithin.

### cryo

the diamond knife for sectioning at low temperature.

### histo

the first diamond knife for semithin sections for light microscopy.

### ultra 35°

the diamond knife for optimized sectioning results in almost all applications.

### cryo-P

a cryo knife with a patented platform for section pick up.

### cryo immuno

the optimized cryo diamond knife for the Tokuyasu technique.

### ultra sonic

the oscillating diamond knife for room temperature sectioning.

### cryotrim

45 and 25 optimizing trimming with diamond blades.

### ultra AFM & cryo AFM

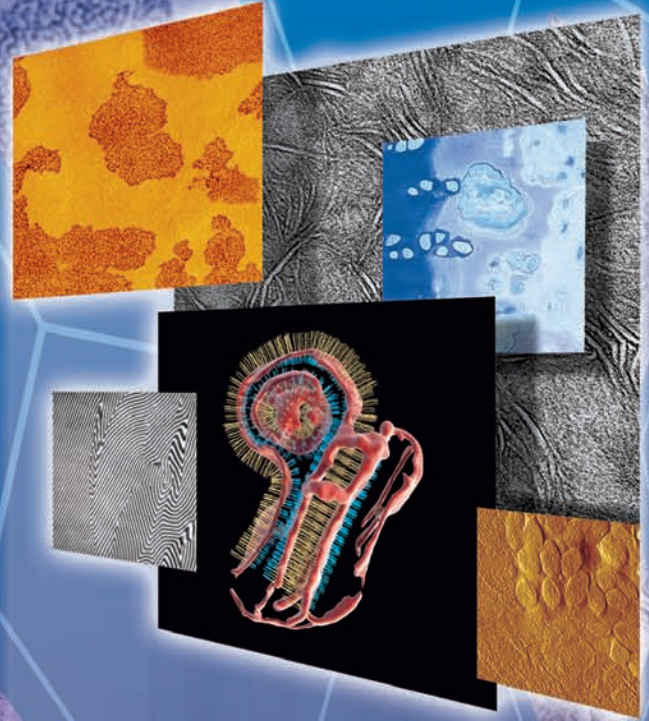
the first diamond knives for AFM at room and low temperatures.

### cryo 25°

for sectioning frozen hydrated specimens.

### STATIC LINE II

the ionizer for eliminating electrostatic charging in ultramicrotomy.



## What services can we offer you?

- Technical assistance in all fields of ultramicrotomy.
- Free sectioning tests for all types of samples.
- Make use of our many years of experience in perfecting our knives.
- Custom knives, tools, and boats.
- Special purchase programs.
- Workshops and training.

# DiATOME

for all your sectioning requirements

For more information,  
please call or write us today,  
or visit us online at:

[www.diatomeknives.com](http://www.diatomeknives.com)

P.O. Box 410 • 1560 Industry Rd.  
Hatfield, Pa 19440

(215) 412-8390 • Toll Free: 1-(800) 523-5874

Fax: (215) 412-8450 or 8452

email: [sgkcck@aol.com](mailto:sgkcck@aol.com) • [stacie@ems-secure.com](mailto:stacie@ems-secure.com)

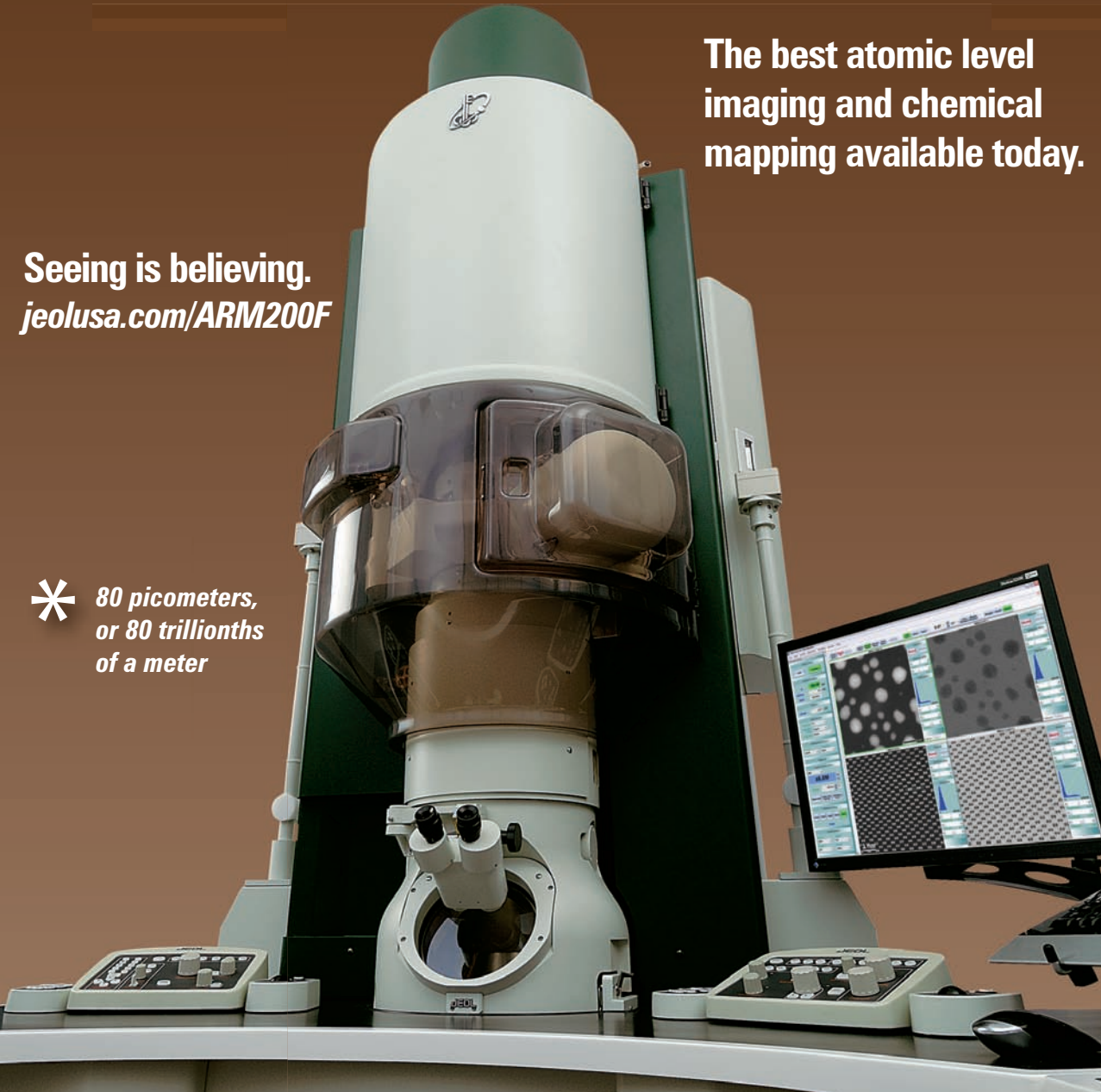


# The Power of TEM-12\*

The best atomic level imaging and chemical mapping available today.

Seeing is believing.  
[jeolusa.com/ARM200F](http://jeolusa.com/ARM200F)

\* 80 picometers,  
or 80 trillionths  
of a meter



# JEOL

Another  
Extreme Imaging  
Solution

Stability • Performance • Productivity  
[www.jeolusa.com](http://www.jeolusa.com) • [salesinfo@jeol.com](mailto:salesinfo@jeol.com)  
978-535-5900



# Atomic Resolution Microscope