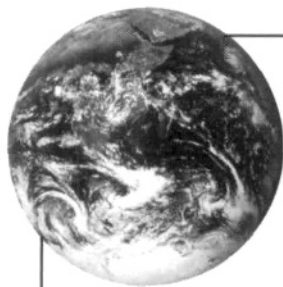


## Advertisers in This Issue

	Page No.		Page No.
* Academic Press, Inc.	74	* JEOL USA, Inc.	10
* Aldrich Chemical Company, Inc.	69	* MDC Vacuum Products Corporation	50
* Andeen-Hagerling, Inc.	61	* National Electrostatics Corp.	39
Australian Scientific Instruments Pty Ltd	17	* Osmic, Inc.	63
* Bede Scientific Incorporated	Inside back cover	Oxford Cryosystems	18
* Cambridge University Press	72	* Oxford University Press	78
* Chemat Technology, Inc.	12	* Philips Analytical	1
* Digital Instruments	2	* Princeton Gamma-Tech, Inc.	8
* EDAX Inc.	16	* Quad Group, Inc.	7
* Elsevier Science	77	* Quesant Instrument Corporation	26
* ESM Software	13	Saint-Gobain Industrial Ceramics, Inc.	9
* Fischione Instruments	11	* Springer-Verlag New York, Inc.	73
GMW	6	* Thermionics Vacuum Products	56
* Goodfellow Corporation	32	* VAT, Inc.	44
* Gordon & Breach	76	* Virginia Semiconductor, Inc.	14
* High Voltage Engineering	Inside front cover	Voltaix, Inc.	66
* Huntington Mechanical Laboratories, Inc.	Outside back cover	* J.A. Woollam Co., Inc.	64
* Hysitron, Inc.	15, 71		

For free information about the products and services offered in this issue, check [www.mrs.org/publications/bulletin/advertisers](http://www.mrs.org/publications/bulletin/advertisers) or fill out and mail the Reader Service Card, or FAX it to 312-922-3165.

\*Please visit us at the Exhibit, November 30–December 2, during the 1999 MRS Fall Meeting in Boston.



### PRODUCTS

Silane  
 Disilane  
 Trisilane  
 Difluorosilane  
 Trifluorosilane  
 Silicon Tetrafluoride  
 Germane  
 Digermane  
 Germanium Tetrafluoride  
 Methylsilane  
 Diborane  
 Boron Trifluoride  
 Trimethylboron  
 Phosphine  
 Deuterated Silane  
 Deuterated Germane  
 Deuterated Methane  
 Deuterated Diborane  
 Deuterated Trimethylboron

# Voltaix, Inc.

## Gases for Research and Manufacturing of Silicon-based Semiconductors

- **ISOTOPICALLY ENRICHED**  
 $^{11}\text{BF}_3$  •  $^{10}\text{BF}_3$  •  $^{29}\text{SiF}_4$  •  $^{11}\text{B}(\text{CH}_3)_3$  •  $^{11}\text{B}_2\text{H}_6$  • Deuterated variants
- **UV PHOTORESIST & FLOWABLE DIELECTRIC PRECURSORS**  
 Methylsilane
- **NEXT GENERATION SILICON PRECURSORS**  
 Disilane (a liquified gas) • Trisilane (a liquid source)  
 Trifluorosilane (for faster dielectrics)  
 Difluorosilane (for silicon deposition at lower temperature)
- **SILICON ALLOY PRECURSORS**  
 Germane • Digermane  
 Methylsilane
- **ADVANCED DOPANTS**  
 Trimethylboron

For more information about Voltaix products and services contact us.

## Voltaix, Inc.

PO Box 5357, North Branch, NJ 08876, USA  
 Tel: 908 231-9060 • Fax: 908 231-9063  
 Toll-Free: 1-800-VOLTAIX in USA & CANADA

**EXPLORE THE VOLTAIX WEB SITE [www.voltaix.com](http://www.voltaix.com)**

Circle No. 34 on Reader Service Card.