The New Frontier In EDS Is Decidedly Dry.

KEVEX

Over 300 Scientists Have Moved to the Pioneering Dry Technology of Kevex.

There's a new shape in energy dispersive x-ray detectors. One you'll be seeing a lot of... the unique Kevex SuperDry. The EDX detector that needs no liquid nitrogen... ever. Imagine freeing yourself from the ball-and-chain of handling liquid nitrogen with no compromise in performance.

Hard data doesn't lie. We performed quantitative analyses using a 131 eV resolution LN detector against a 149 eV SuperDry on the same samples. Guess what? No difference in accuracy whatsoever, even for complex peak overlaps. We repeated the experiment on high resolution digital x-ray maps... again, no difference at all in background levels. No wonder experienced users see right through the competition's claims.

Kevex is celebrating the success of our SuperDry detectors by introducing two new high performance models:

Quantum SuperDry Mark VI 138 eV resolution with boron detection guaranteed. *Quantum UltraDry* A large 30mm² crystal for maximum count rates on difficult samples.

> For applications proof and product information call 1-800-TO-KEVEX

FISONS Instruments

Australia Homebush, Tel. (61) 2764-1155 Canada Quebec, Tel. (514) 695-6257 Sweden Solna, Tel. (08) 730-0295 Singapore Tel. (65) 760-8288 South Africa Kempton Park, Tel. (11) 394-1410 Spain Madrid, Tel. (01) 661-0642 United Kingdom Cheshire, Tel. (06) 06-86-1022 E. Hong Instruments Co. Taiwan, Tel. (886) 2-755-2266 Fondis Electronic S.A. France, Tel. (01) 30-57-4747 Fondis GmbH Germany, Tel. (49) 7251-716-182 Intersurface b.v. The Netherlands, Tel. (73) 414580 Micro Biological Lab. Inc. Philippines, Tel. (63) 2-597-876 Nissei Sangyo Co. Japan, Tel. (81) 3-3504-7111 **Rigong International Inc.** Korea, Tel. (82) 2-516-2636 Toshniwal Bros. Pvt. Ltd. India, Tel. (91) 22-22-1565 W. Pabisch S.P.A. Italy, Tel. (39) 2-353-731 USA - Kevex World Headquarters, Valencia, CA, Tel. (805) 295-0019, (800) TO KEVEX, Fax (805) 295-8714



The Best incert Performance The New, Versatile **AMRAY 1910 FE** Field Emission Scanning Electron Microscope

The Ideal System for High Resolution Analysis ... Combines Sample Flexibility with Ease of Operation

- Attractive price-significantly lower in cost than comparable field emission SEMs . . . with no compromise in performance
- Superior resolution-1.5nm at 30kV
- Unique, patented Schottky field emission gun-providing outstanding beam stability and requiring little maintenance
- Large specimen chamber with 4"
 motion specimen stage

Z)

- Complete computer control and image archiving available
- Energy dispersive X-ray compatible

For full information, contact



160 Middlesex Turnpike, Bedford, MA 01730 Tel: 617-275-1400, 800-225-1462 FAX: 617-275-0740

