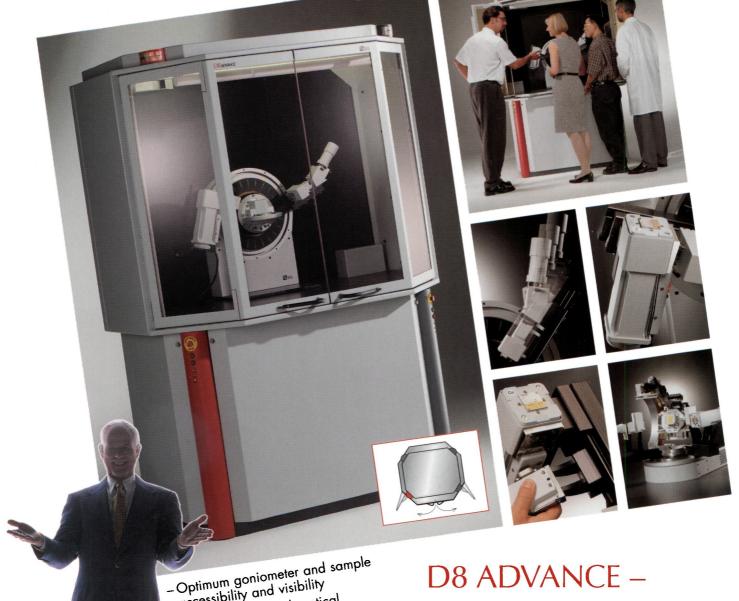


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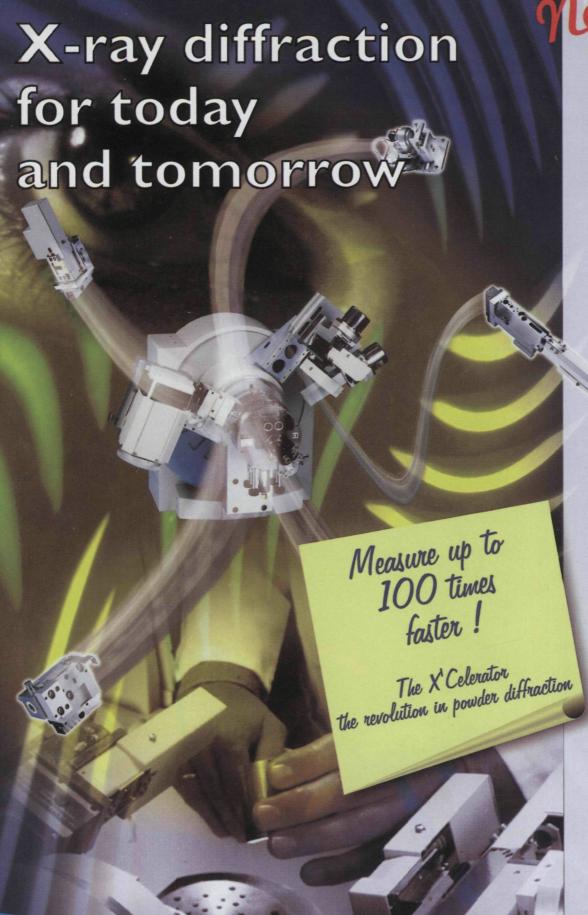
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Jaroslav Fiala SKODA Research Ltd. 31600 Plzeň, Czech Republic jaroslav.fiala@vsb.cz

Brian H. O'Connor Curtin University GPO Box U 1987, Perth 6001 Western Australia, Australia toconnorb@cc.curtin.edu.au

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On the cover: Dr. Ron Jenkins and the structure of europium magnesium fluoride, thesis project by Dr. Ron Jenkins.

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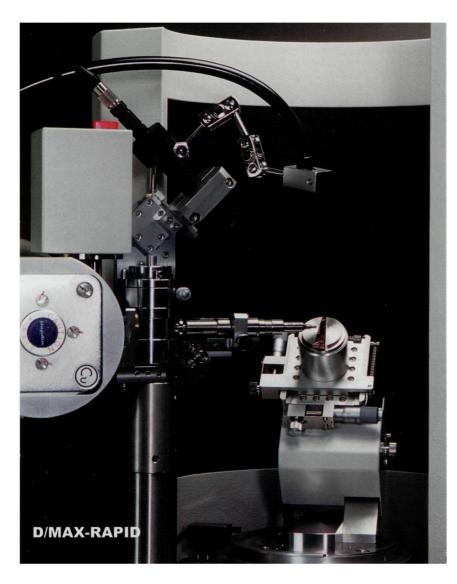
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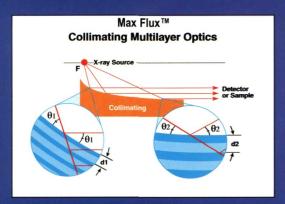


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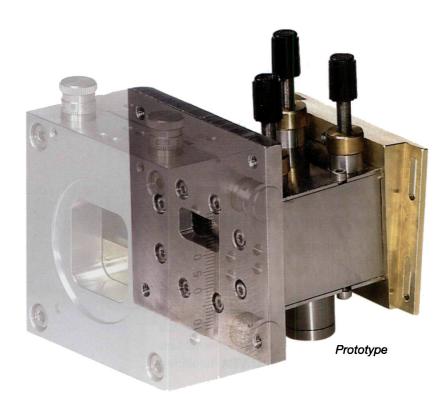


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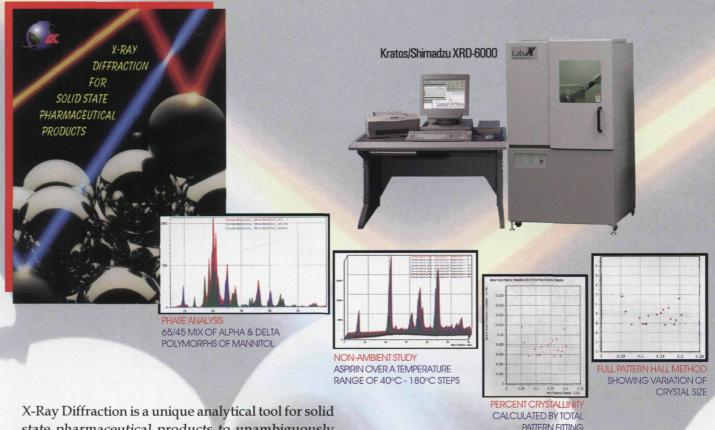
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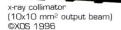
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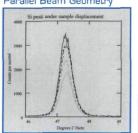
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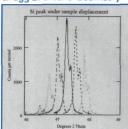


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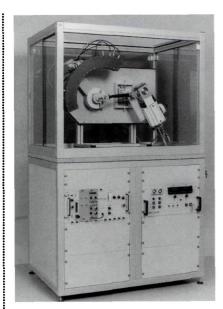
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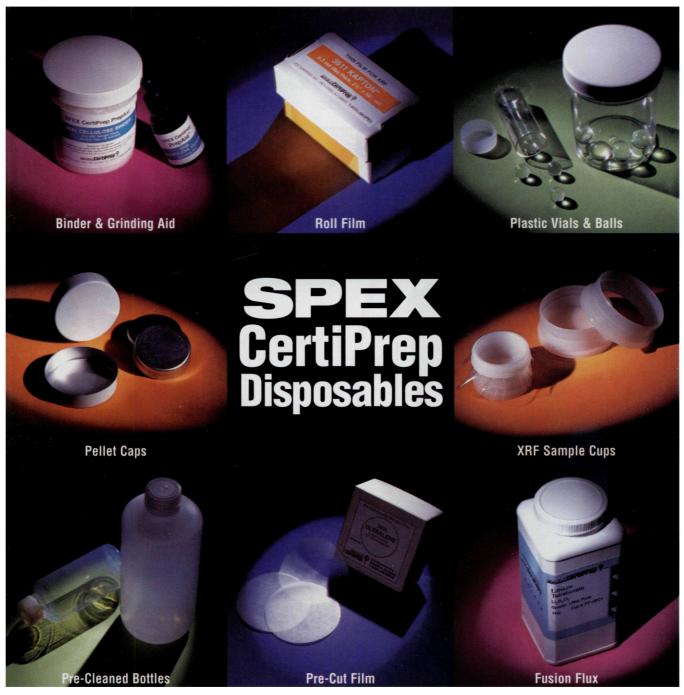
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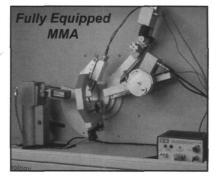
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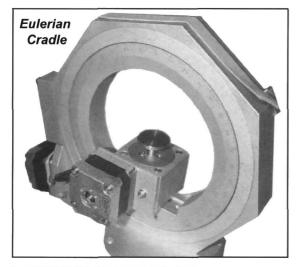
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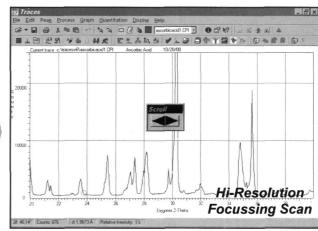
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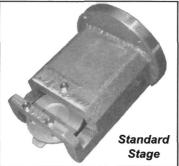
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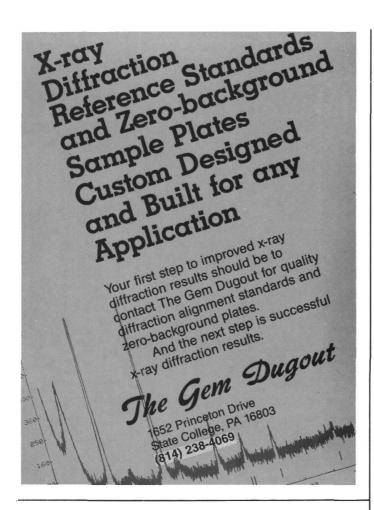
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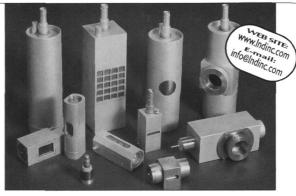
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- 512x512 pixel, 16-bit dynamic range (64k intensity), Peltier-cooled slow scan camera

hermo NORAN

A Thermo Electron business

- ► Greater than 12,000 points per hour
- ΣCOM: Grain (boundary) analysis and statistics, texture analysis, (inverse) pole figures, and ODF

Be sure to attend Thermo NORAN's presentation "Practical Design Considerations of EBSD Systems" at the Denver X-ray Conference Joint XRD & XRF Special Session

Denver X-ray Conference Booth #27, 28

▲ Crystal Orientation Map of Nickel

ADM V6

ADM is one of the most common modular software packages for powder diffraction. The completely new designed 32bit base module with more, new and unique features is available now!

Single Scan Processing

▲ Diffraction

Pattern of BaTiO3

- Measuring curve and result table are shown side by side and simultaneously.
- Multiple methods for exact determination of peak position and intensities.
- Effective and user friendly correction tools for background, peak position and intensities
- Instant recalculation with simultaneous graphical and textural feedback if one of the parameter is changed.

Multi Scan Processing

- 2D graphs
- 3D graphs

New and Unique

20/I sections through an arbitrary number of scans to analyze the

- x thermodynamics of chemical reactions and phase transitions.
- kinetics of transformation processes.
- variation of certain sample properties.

Conversions

- Kα₂- stripping.
- ADS/FDS conversion.
- Combined intensities/diffractograms from an arbitrary number of scans,
- Subtraction diffractograms.

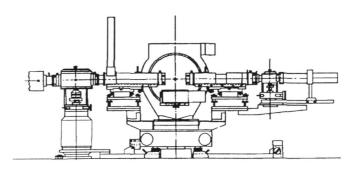
a.wassermann

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