

# SIEMENS

## Ask for performance - ask for the new D 5000 x-ray diffractometer

Detector configurations include:

- PSD (Position Sensitive Detector).
- Solid-state detector for improved detector efficiency.
- Std. scintillation counter.

Versatile goniometer design:

- Operates in horizontal or vertical mode for reflection or transmission measurements.
- Converts from  $\theta:2\theta$  geometry to  $\theta:\theta$  in your lab.
- Converts to parallel beam.

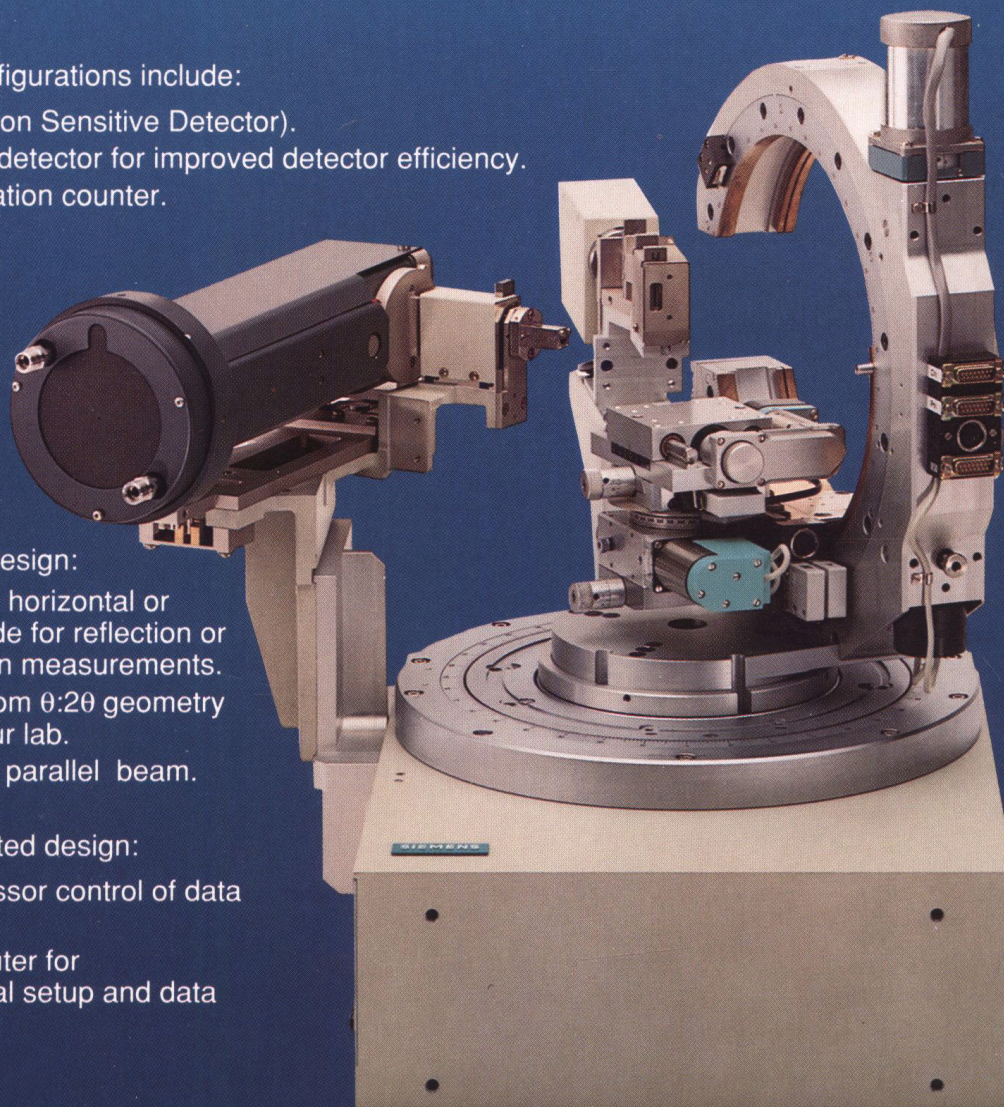
Fully automated design:

- Microprocessor control of data collection.
- Host computer for experimental setup and data analysis.

Complete set of attachments for specific applications:

- Eulerian cradle for texture.
- Open Eulerian cradle for texture/stress.
- Automatic sample changer.
- High and low temperature stages.
- Programmable sample rotation.

Available with computer controlled variable aperture slits in incident and diffracted beam paths to control divergence and reduce background.



For maximum performance in your lab, Siemens has engineered a new generation of x-ray diffractometer designed to meet your requirements. The D 5000 features a new goniometer design manufactured to the strictest tolerances. Complete with application specific attachments and advanced software routines, the D 5000 has the precision and flexibility to outperform other systems in every x-ray application.

### *Your Solution is Siemens*

In USA & Canada contact Siemens Analytical X-Ray Instruments, Inc., a joint venture of Siemens & Nicolet.  
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# SEE IT LIKE IT IS NOW!!

TAKE THE "WAIT AND SEE" OUT OF YOUR X-RAY WORK.



## THE DIXIE

**DIGITAL INTENSITY X-RAY IMAGE ENHANCER** system brings real time x-ray imaging to your lab. With a full 40mm diameter input window and up to 200,000 gain. You can see immediately what film gives you later.

**CONTACT US FOR MORE INFORMATION:**

*For inquiries on career opportunities with a leader in the electronic defense industry, contact us. We are an equal opportunity employer.*

• acousto-optic • x-ray • infrared • systems

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