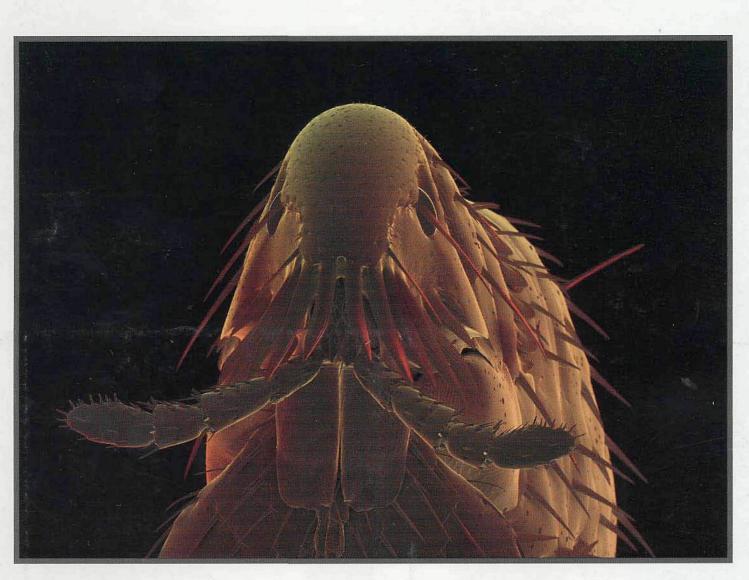
# **MICROSCOPY TODAY**

## SEPTEMBER 1996

# ISSUE #96-7



# **A Site Worth Seeing**



### Scanning Electron Microscopy with a Difference...



### $\times L20$ Precision tilt eucentric 20 mm x 20

mm stage and a resolution down to 4 nm make the XL20 ideal for investigations and small samples.

#### XL30

Chamber with many free ports, a 50 x 50 mm tilt eucentric stage and full system automation for increased analytical throughput, including EDX, WDX and EBSP.

#### XL30FEG

Same as the XL30 plus a combination of high resolution and uniquely high and stable current for outstanding analytical performance.

#### XL30ESEM-FEG

Featuring a patented gaseous secondary electron detector system, specimen examination is by means of a FEG electron beam in an exceptionally high pressure environment, compatible with hydrated samples.

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#### XL-Analytical The customized embedding of EDX

XL40

XL40FEG

applications.

in any type XL. A common software environment and consistent user interface allows generation of highlevel automation packages.

For large sample analysis, from IC wafers to high-quality coated materials. XL40's features include a

150 mm motorized stage and 45°

A high-tech blending of the XL40

(above) with FEG resolution and

stability make this instrument

particularly suited for analytical

tilting of large planarspecimens.

#### XL50 FEG-DRT

This advanced instrument combines a FEG electron source with a 200 × 200mm, 5-axis movement stage Average stage accuracy is within 1.5 microns across an 8" wafer.

XL?? Coming soon...

Philips XL Series SEMs reflect the perfect blend of elegant hardware and sophisticated software. System modularity and a choice of electron sources (tungsten; lanthanum hexaboride (LaB6), field emission (FEG)), enable a basic instrument to be configured to specific requirements. Menu-driven point-and-click mouse

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control contributes to unprecedented user friendliness. Take a look at the Philips XL Series SEMs. You'll find they're simply SEMsational!

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