

# Smallest Analysis Areas

TR-XRF  
10,000  $\mu$

GD-OES  
2,000  $\mu$

D-SIMS  
30  $\mu$

TXRF >10,000  $\mu$  (10 mm)  
GD-OES >2,000  $\mu$  (2 mm)

D-SIMS >30  $\mu$   
XPS >15  $\mu$   
LEXES >10  $\mu$   
EDX >0.5  $\mu$   
ToF-SIMS >0.2  $\mu$   
Auger > 0.015  $\mu$  smallest

100 X  
Magnification

Auger 0.015  $\mu$   
ToF-SIMS 0.2  $\mu$   
EDX 0.5  $\mu$

10 X  
Magnification  
(total 1,000X)

Auger  
0.015  $\mu$

ToF-SIMS  
0.2  $\mu$

LEXES  
10  $\mu$

XPS 15  $\mu$

EDX  
0.5  $\mu$

D-SIMS  
30  $\mu$