

# Thermo Scientific K-Alpha XPS

The K-Alpha is a high performance surface analysis instrument. A fully integrated, monochromatic small-spot X-Ray Photoelectron Spectrometer (XPS) system

## APPLICATIONS

- Adhesion failures between coatings and substrates
- Corrosion studies on metals
- Polymer and thin-film characterization
- Defect and failure analysis
- Biocompatibility studies
- Surface contamination identification
- Surface oxidation of metals and oxide thickness determination
- Depth profiling of thin film stacks

## NEED TO USE IT?

- Located in the Marcus Nanotechnology Bio-Cleanroom
- Available to users of the GT Nanotechnology Research Center
- Go to <http://grover.mirc.gatech.edu/orientation/> to become a user of the NRC



High Performance Surface Analysis for a Variety of Materials

METALS

CERAMICS

GLASSES

POLYMERS

THIN FILMS

SEMICONDUCTORS

BIOLOGICAL MATERIALS