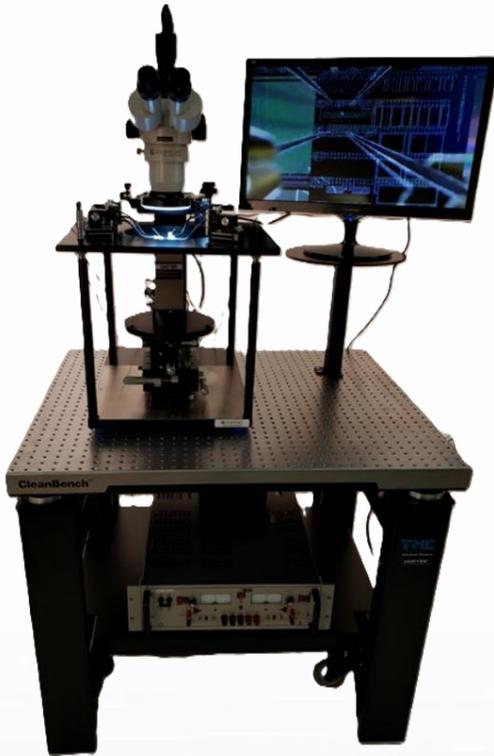




# SEMIPROBE®

Test • Inspect • Innovate

## SUCCESSFUL APPLICATION: MAGNETIC STIMULATION - 0921



### Specific Requirements:

A University customer was looking for a small footprint probing solution that would allow them to characterize a variety of MRAM and Spintronic wafers up to 100 mm and small samples. They needed the capability to apply an external vertical magnetic field.

### SemiProbe Solution:

- LA-100 Lab Assistant manual 100 mm probe system:
  - Coarse and fine wafer stage, platen, carrier plate holder, microscope post, microscope movement (X, Y, Z)
  - Interchangeable carrier plates to hold wafers and small samples
  - Vibration isolation table
- GMW 5201 Horizontal Projected Field Electromagnet mounted to an X, Y, Z, and theta stage
- Cooling unit for the electromagnet
- Six MA-8005 manipulators with vacuum bases, adjustable coaxial probe arms, probe tips