



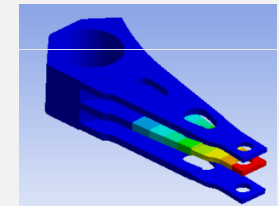
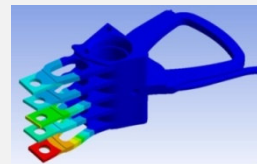
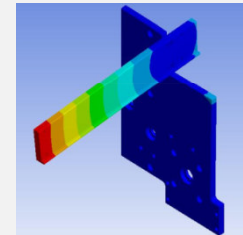
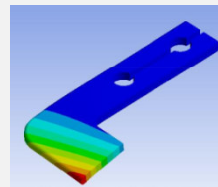
Overview

Established in January 2003, Compart Precision (Thailand) Co., Ltd. specializes in clean rooms and sub-assembly processes for Original Equipment Manufacturing (OEM) products for industries such as hard disk drive, automotive, telecommunications and semiconductors. Backed by Six Sigma culture, coupled with Lean Manufacturing implementation, the company's business has been consistently successful over the past six years of its operations.

Testimonial

"We use ANSYS Professional NLS and ANSYS DesignXplorer. ANSYS helps us to develop tooling and fixture in manufacturing and testing processes. ANSYS also helps us to analyze and solve the resonance issues which are critical for HDD components. With ANSYS, we now have a better understanding of our product/process and gained competitive capability to grow in our business."

Amnuay Meeraeng
NPD Engineer
Compart Precision (Thailand)



Challenges

- To diagnose and overcome resonance problems in actuator level
- To perform parameterization and optimization for tooling and process design
- To understand our product and process in a clearer view

Solution

ANSYS Professional NLS and ANSYS DesignXplorer on the ANSYS Workbench framework provide us:

- Associativity with our CAD software for model updating
- Friendly user-interface
- Complex geometry and advanced FE analysis support

Benefits

- Help in analyzing resonance problems and understanding effects of part design parameter to resonance mode/frequency
- Reduce tooling prototype and increase quality of tooling/process design
- Minimize evaluation cost and time
- Increase capability in manufacturing