

Introduction of CF-S07 Laser system

○ **System introduction**

- System name: Laser system
- Manufacturer: Spectra-Physics
- Model: HIPPO™ Mid-Power Q-Switched Lasers
- System functions: Annealing & crystallization
- System structure: (refer to Fig. 1)
 - Laser Dimensions
 - Laser Grade Optics
 - INCON-470 System
 - Manual controller
 - Light Analysis

○ **Function introduction**

- System functions:
 - Annealing & crystallization
- Applicable process:
 - 6~8-inch wafers; 4-inch and broken wafers
- Process temperature:
 - Process Chamber 1: 0~350°C

○ **System restrictions**

- Substrates containing volatile materials, photoresist, tape, polymers, powders, flammable substances or organic matter are not allowed for this system.
- Make sure the specimen is cleaned and free of fragments.
- The specimen must be heat-resistant to avoid burning or volatile matter resulting from the heat.

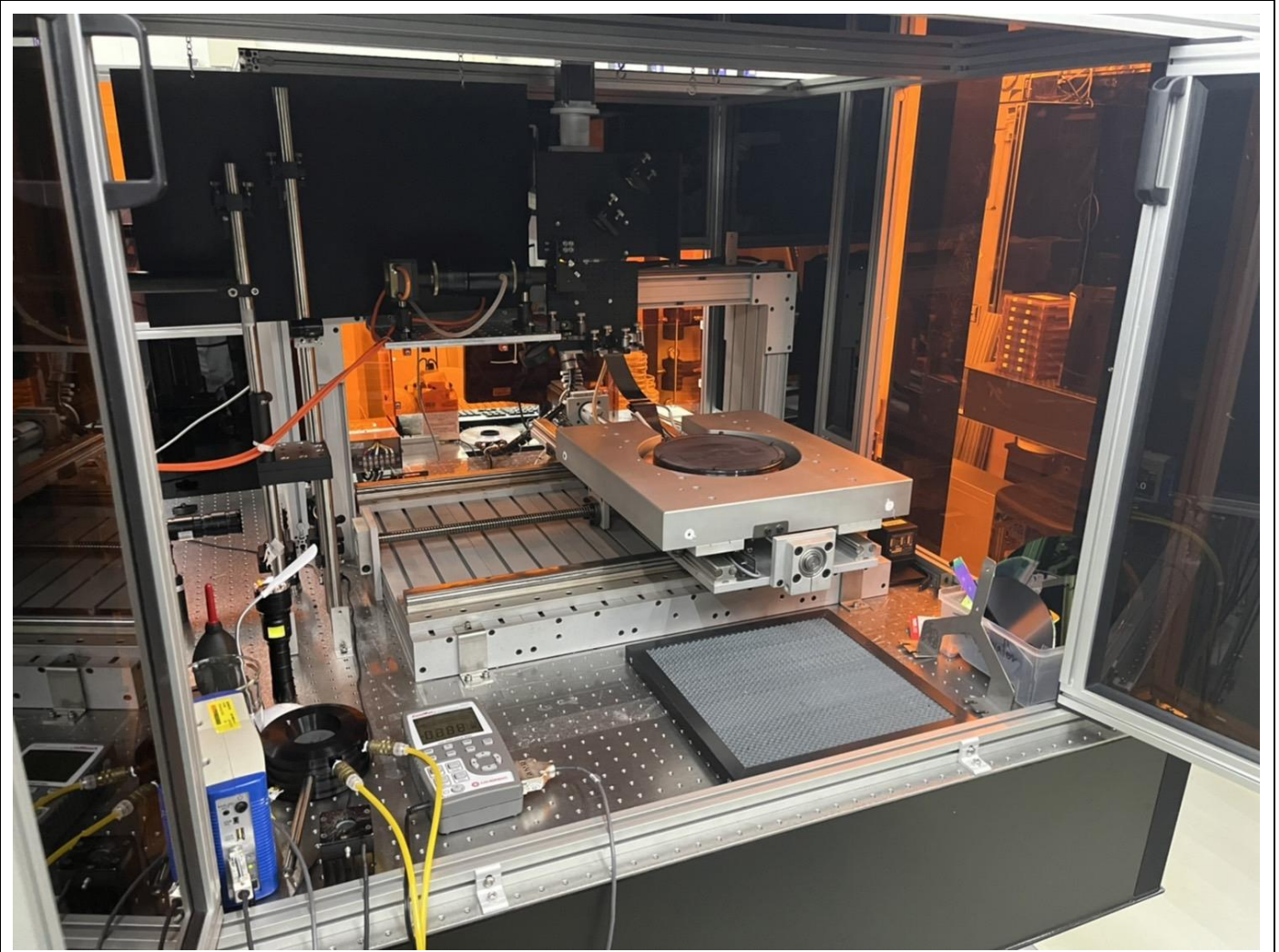


Fig. 1. System structure