

Positioning device for ophthalmic scanning laser systems

Team: “Ocular Imaging” Team

Client: Carol Rasmussen

Advisor: Professor Tom Yen

Team Members: Daniel Frost (Team Leader, BWIG)

William Stanford (Communicator, BSAC)

February 6 to February 12

Last Week’s Goals

- Hear back from McMaster-Carr about the motor/joystick.
- Purchase the motor/joystick.
- Additional planning of motor implication and experiment.

Summary of Accomplishments

- Got information on a joystick from ETI.
- Still waiting on information about motors.
- Came up with initial plan for rotating mechanism.

This Week’s Goals

- Get information on and order motor.
- Order joystick.
- Finalize plan for rotating mechanism and order parts.

Project Difficulties

- None

Activities

- 2/6 – Team/advisor meeting. Looked up joystick and motor parts. ~1.5 hr. each

- 2/12 – Got joystick information and came up with plan for rotating mechanism. ~1 hr. each

Project Schedule

Preliminary Project Schedule	
Dates	Activities
Jan. 23-30	Form team roles and contact client. Individual research on mechanizing design.
Jan. 31 – Feb. 5	Client meeting. Contacted McMaster-Carr about motor/joystick and planned experiment.
Feb. 6 – Feb. 12	Got information on joystick and came up with initial plan for rotating mechanism.

Expenses

- **None**