**Project Description**

**Problem:** Masimo's health-care products require light pipes to provide a path for light to travel from the inside to the outside of the device. Current assembly of these light pipes require expensive production-grade manufacturing equipment for large scale operations.

**Need:** Design a cheaper, benchtop level version of the Automated UV Dispense & Cure Station that can accommodate a wide variety of Masimo's devices, and to be targeted for small scale operations, such as batch or pilot runs. This system needs to allow the operator to load, dispense, cure, unload the working parts in a safe and streamlined operation while ensuring dispense & cure parameters are consistent.

**PLC Ladder Logic**

**Meet the Sponsor**

Founded by SDSU alumni, Joe Kiani, Masimo is a global medical technology company that develops and produces a wide array of industry leading monitoring technologies, including innovative measurements, sensors, and patient monitors.

**Team Photron**

**Assembly**

**Manufacturing and Testing**

**Acknowledgments**

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