

Thinky ARE-310 Mixer

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Tool Type: PDMS

Location: mFL 3430

Supervisor	Tool Lead
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Description: PDMS tool

Manufacturer: Thinky

About

The Thinky Mixer is one of the PDMS tools in the Microfluidics lab. This machine is used for mixing and de-aerating the elastomers that are used in fabrication of microfluidic devices. The mixing time and revolution speed of the device can be programmed using the machine’s controller interface.

Detailed Specifications

- 310g capacity
- Cold-insulated, heat-resistant adapter enables support of various material characteristics
- Memory and step-operation functions for controlling and executing operating condition
- The 2 modes of mixing and deaeration achieve dispersion and deaeration of high-viscosity materials in a small amount of time
- Centrifugal force of over 400G

Safety Concerns

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Operating Procedures

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Reference Documentation

[thinky_are-310_mixer_manual.pdf](#)

[thinky_are-310_mixer_programming_handout.pdf](#)

[Using the Thinky Mixer \(video\)](#)

Training Documentation

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