Harvard Apparatus Syringe Pumps

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Tool Type: “Programmable Dual Syringe Pump”
Location: “Microfluidics Lab 3430”
Description: “Dual Syringe Pump for droplet generation and other milli/microfluidic experiments”
Manufacturer: “Harvard Apparatus”

About

Syringe pumps utilize a stepper motor, lead screw, and pusher block to dispense fluid from a syringe at a controlled rate. Some syringe pumps, such as this one, can accommodate more than one syringe. These HA pumps can accommodate two syringes, which allows for the usage of two different fluids (co-flow, sheathed flow, etc.), or alternatively to double the volume of a single fluid by using a second syringe.

Syringe pumps are flow-rate-controlled devices, which means that you program the pump to operate at a fixed flow rate regardless of the pressure required. (As opposed to pressure-controlled devices which fix the pressure.)

Detailed Specifications

Insert Text Here!

Safety Concerns

Insert Text Here!

Operating Procedures

Insert Text Here!

Reference Documentation

702000_syringe_pumps_manual.pdf

Training Documentation

Insert Text Here!
