



Fig. S7 | Syringe pump components. From top to bottom: USB-FTDI cable; 3D printed circuit board case top and bottom (optional); Milled electronic control board; Bi-polar stepper motor, threaded rod & 3D printed adapter; 3D printed base; 3D printed mid-section; 3D printed top; 2-1cc syringes with 23 gauge luer lock 1/2" dispensing needles connected to 3D printed fluidic device using 0.060" OD Tygon Microbore tubing.