

Supporting Information

Design and fabrication of magnetically functionalized flexible micropillar arrays for rapid and reversible microfluidic mixing

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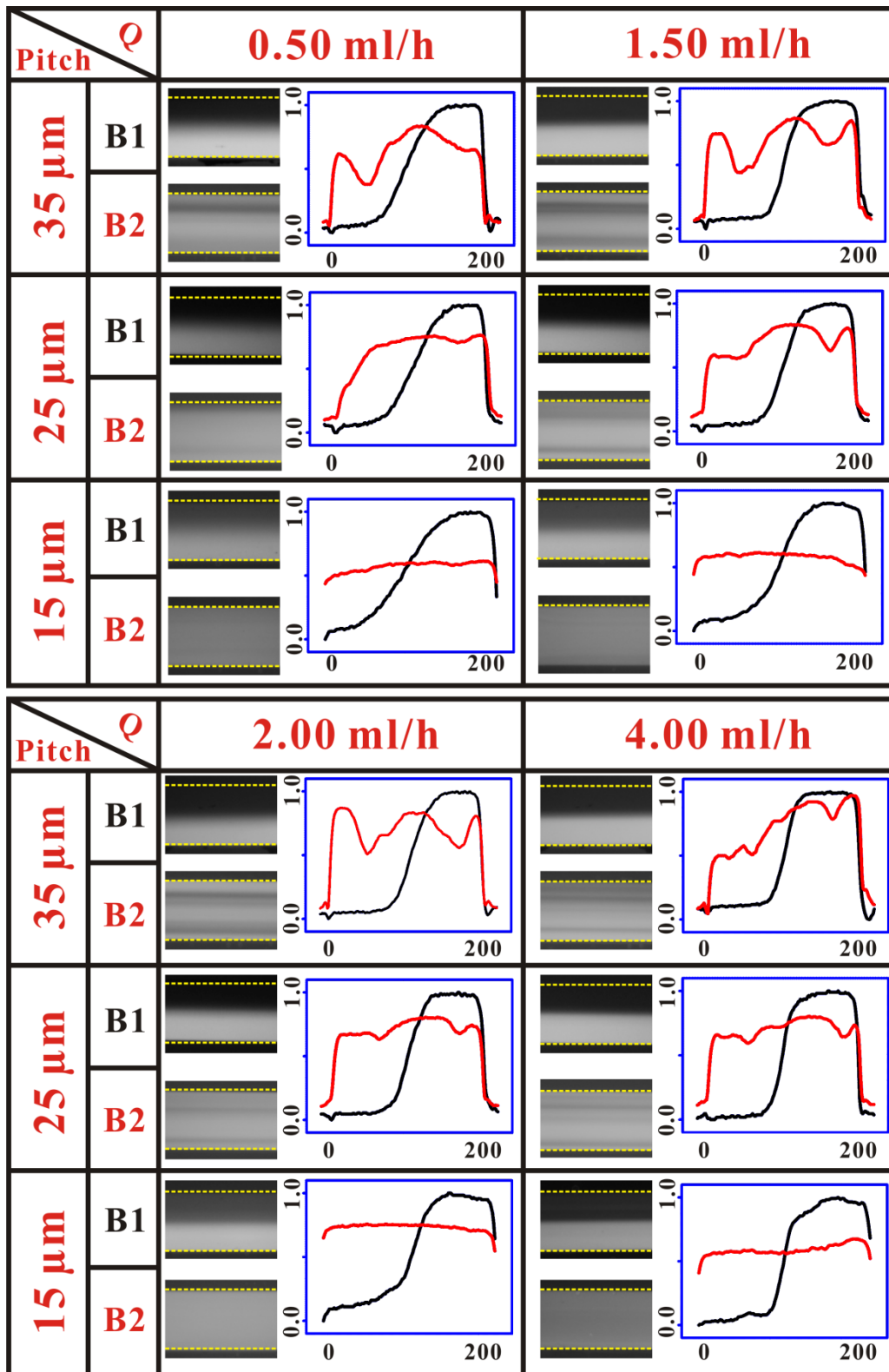


Figure S1 the fluorescence microscopy images under different flow rates. Three types of micromixers were investigated, namely pitches of 15 μm , 25 μm and 35 μm . B1s stand for the fluorescent images taken without magnetic field while B2s mean the fluorescent images taken with magnetic field.

Electronic Material: The supplementary video records the reversible mixing under control of MF with the computer-regulated manipulator. The flow direction in the microchannel is right - to - left.