

Supporting Information

Acoustic Separation of Nanoparticles in Continuous Flow

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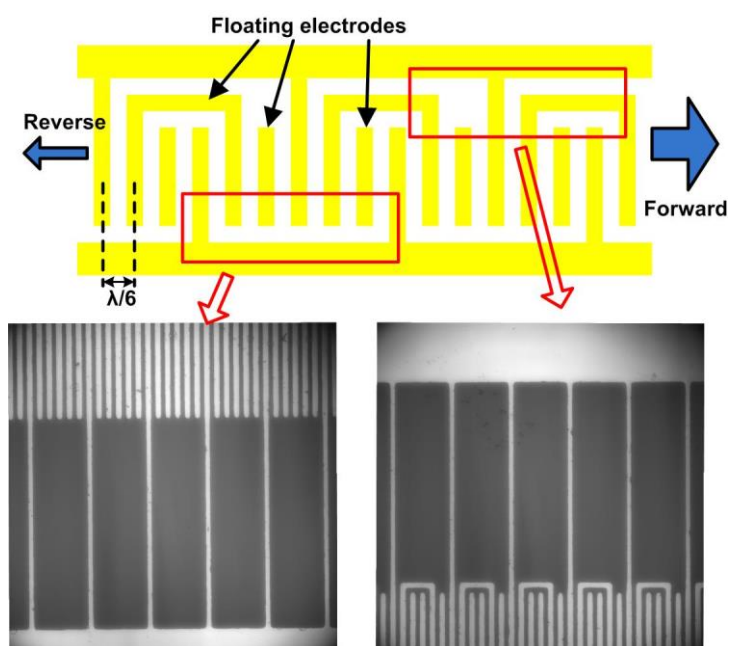


Figure S1. The configuration of unidirectional IDT design. The floating electrodes help to cancel the reverse Rayleigh waves, thus increasing the amplitude of the forward wave.

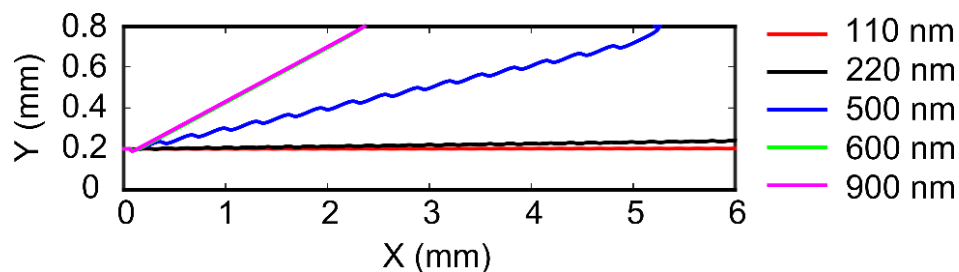


Figure S2. Calculated particles' trajectories in the channel when subjected to the same amplitude of acoustic energy density.

Video S1. 500 nm particles are deflected by the acoustic field.

Video S2. 110 nm particles are not deflected by the acoustic field, and thus are separated from 500 nm particles.