

Supporting Information

The size dependant behaviour of particles driven by a travelling surface acoustic wave (TSAW)[†]

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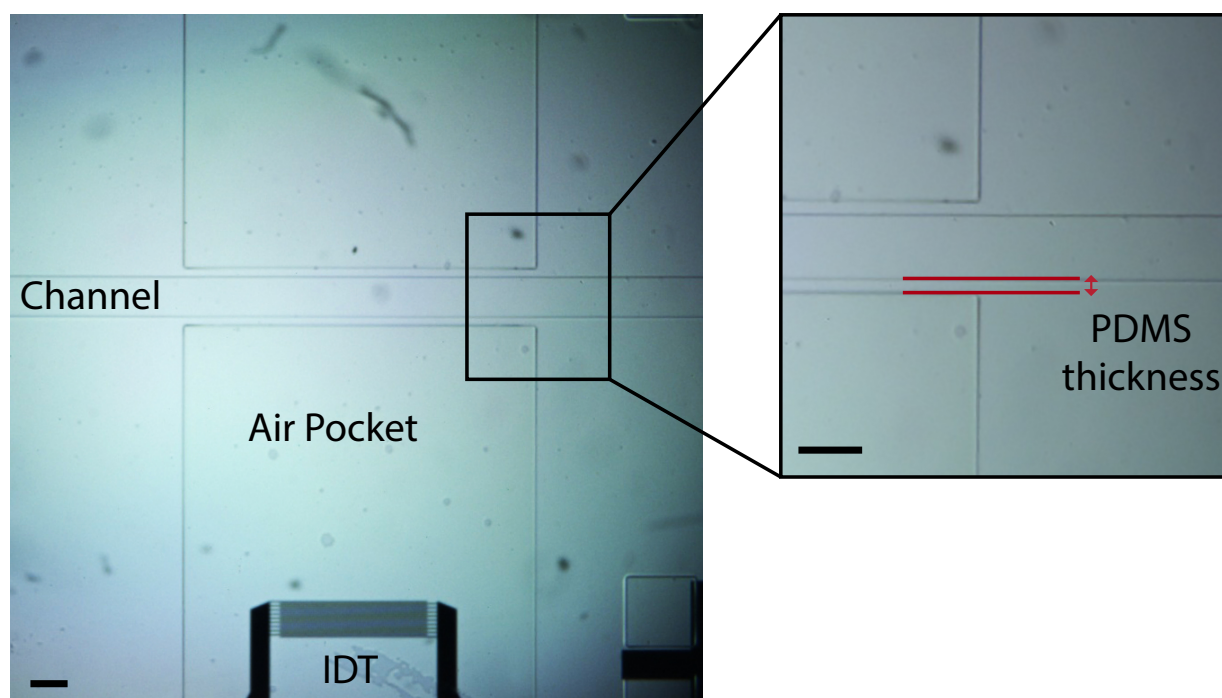


Fig. S1 Device layout; The PDMS between the IDT and the channel act as a resistance to the propagating wave resulting in partial attenuation of the incident SAW into the PDMS prior to coupling into the fluid. To minimise the energy loss into the PDMS, two air pockets are situated on both sides of the channel. The PDMS thickness is 50 μm . Scale bar is 200 μm .