

Erratum to: An experimental characterization of a tunable separation device

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In the original publication of the article, the sentence “Mean flow is from *right to left*.” in caption of Fig. 7 was incorrect. The correct caption with Fig. 7 is given below:

“Mean flow is from *right to left*.” should be “Mean flow is from *left to right*.”

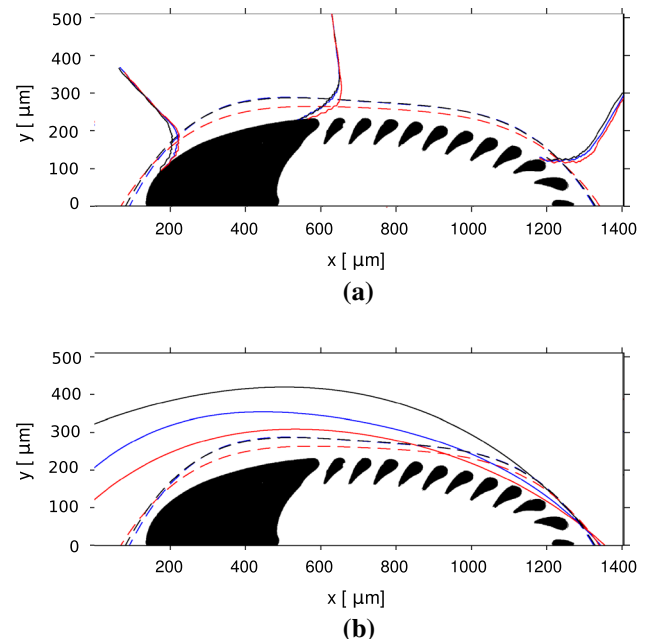


Fig. 7 Flow layers and u-velocity profiles for the upstream saddle point position for $Re = 2.8$ (black), $Re = 29$ (blue) and $Re = 58$ (red). **a** Boundary layer thickness T_{bl} (dotted line) and u-velocity profiles (solid lines). T_{bl} is calculated from the shape of the u-velocity profiles. Changes of T_{bl} along the permeable wall are small and within the measurement accuracy. **b** Boundary layer thickness (dotted lines) and permeate thickness T_p (solid lines). Except far downstream, T_{bl} is smaller than T_p . Therefore, if normal forces are to influence the separation of particles, this will occur inside the permeate layer. Mean flow is from *left to right*. The maximum u-velocity for $Re = 58$ is 1.6 times the freestream velocity around a circular cylinder, $U_\infty \cdot \sin \theta$ (color figure online)

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