

令和 5 年度 5 月度 月例報告書

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Table 1 Experimental conditions

Mainstream velocity	250	mm/s
Image size	800×600	pixel
Frame rate	800	fps
Shutter Speed	1/1000	s
Thickness of LLS(1)	1.0	mm
Thickness of LLS(2)	3.0	mm
Distance between LLS(1) and LLS(2)	2.5	mm
Number of shots	4000	

Solver	pimpleForm
Volume	$150 \times 50 \times 50$ mm ³
Mesh	$75 \times 25 \times 25$
Inlet	250 mm/s
Outlet	Gauge pressure
Wall	Slip

Inspection volume	$500 \times 400 \times 2000$	mm ³
Kinematic viscosity	0.893	mm ² /s
Mainstream velocity	240 - 260	mm/s