Experimental Study on Diesel Particulate Filter with Reciprocating Flow Supporting Information

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Figure S1: Arrangement positions of thermocouples in DPF system

The thermocouples are arranged along the axis of the DPF system and the arrangement positions are showed in Figure S1. The thermocouplesT5 is damaged in the experiment processes.



Figure S2: Change of temperature profiles during a cycle for 30s cycle, (a) Forward half cycle, (b) Backward half cycle.



Figure S3: Change of temperature profiles during a cycle for 70s cycle, (a) Forward half cycle, (b) Backward half cycle.



Figure *S4*: Change of temperature profiles during a cycle for 90s cycle, (a) Forward half cycle, (b) Backward half cycle.



Figure S5: Profiles of differential pressure between inlet and outlet for different reciprocating cycles