
2018 9 3 9 28 .

LIF

9 1 .
9 3 9 28 .
9 30 .
10 1 .
10 2 .

: j b

PM (PM)

LIF

50mm

527nm

555 590nm

6

YLF

527nm

570± 25nm

Phantom V7.3

LED

2 Phantom V1210

LIF(Laser Induced Fluorescence)

2. LIF

Figure 2. Principle of LIF

I_f Q I_0
ε EPL EDPL□

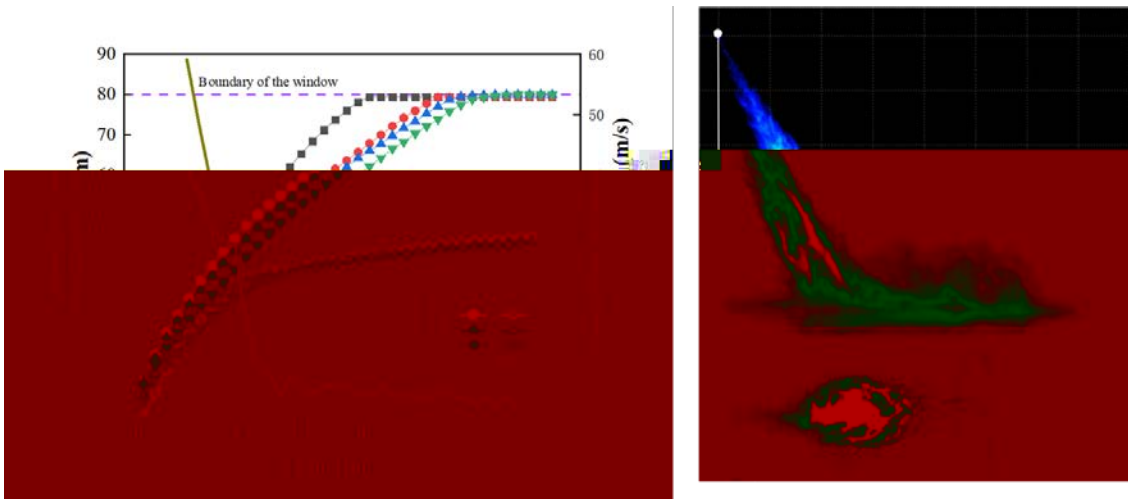


Figure 3. Spray tip penetration and definition

60kPa 20kPa
 20kPa 60kPa

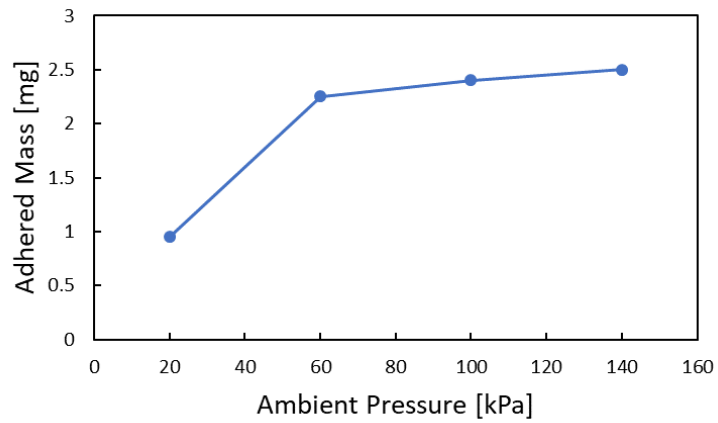


Figure 4. The relationship between adhered mass and ambient pressure

LIF

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