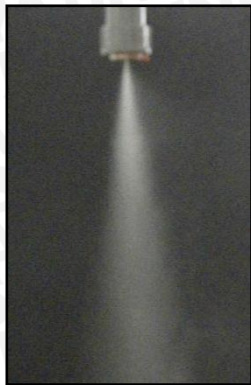


Lampiran 1. Visualisasi *spray* dari *twin fluid atomizer*



(a) $l = 5 \text{ mm}$

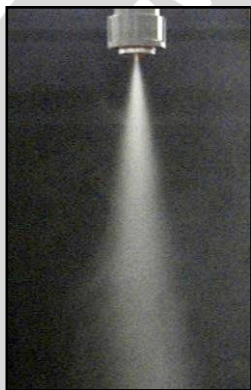


(b) $l = 10 \text{ mm}$



(c) $l = 20 \text{ mm}$

Spray pada debit air 4 ml/s dengan panjang (a) 5 mm, (b) 10 mm, (c) 20 mm



(a) $l = 5 \text{ mm}$



(b) $l = 10 \text{ mm}$

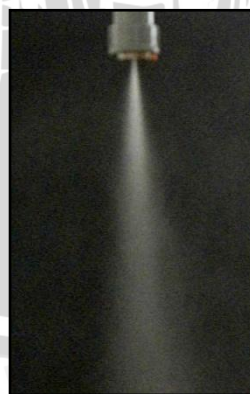


(c) $l = 20 \text{ mm}$

Spray pada debit air 5 ml/s dengan panjang (a) 5 mm, (b) 10 mm, (c) 20 mm



(a) $l = 5 \text{ mm}$



(b) $l = 10 \text{ mm}$



(c) $l = 20 \text{ mm}$

Spray pada debit air 6 ml/s dengan panjang (a) 5 mm, (b) 10 mm, (c) 20 mm



(a) $l = 5 \text{ mm}$

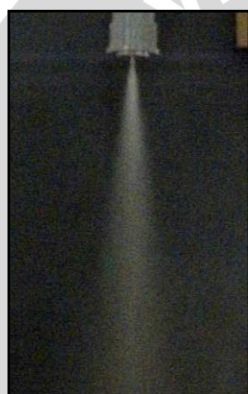


(b) $l = 10 \text{ mm}$



(c) $l = 20 \text{ mm}$

Spray pada debit air 7 ml/s dengan panjang (a) 5 mm, (b) 10 mm, (c) 20 mm



(a) $l = 5 \text{ mm}$



(b) $l = 10 \text{ mm}$



(c) $l = 20 \text{ mm}$

Spray pada debit air 8 ml/s dengan panjang (a) 5 mm, (b) 10 mm, (c) 20 mm



(a) $l = 5 \text{ mm}$



(b) $l = 10 \text{ mm}$



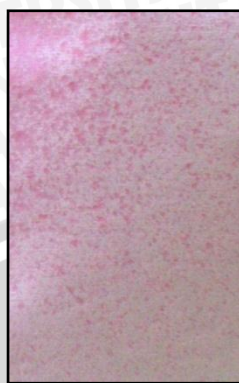
(c) $l = 20 \text{ mm}$

Spray pada debit air 9 ml/s dengan panjang (a) 5 mm, (b) 10 mm, (c) 20 mm

Lampiran 2. Visualisasi ukuran *droplet*



(a) $l = 5$ mm



(b) $l = 10$ mm

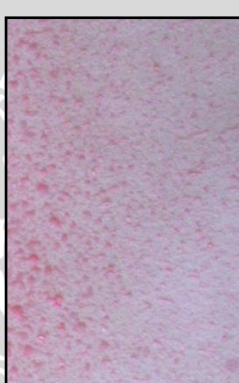


(c) $l = 20$ mm

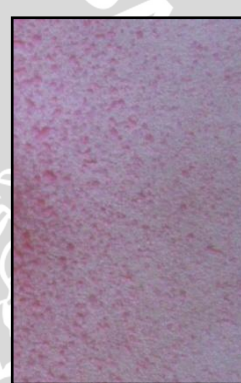
Ukuran *droplet* pada debit air 4 ml/s dengan panjang (a) 5 mm, (b) 10 mm, (c) 20 mm



(a) $l = 5$ mm

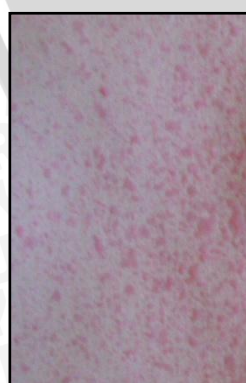


(b) $l = 10$ mm

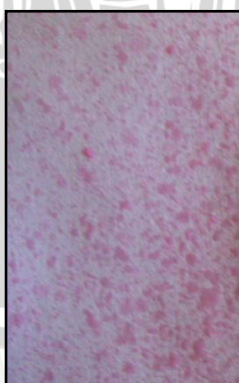


(c) $l = 20$ mm

Ukuran *droplet* pada debit air 5 ml/s dengan panjang (a) 5 mm, (b) 10 mm, (c) 20 mm



(a) $l = 5$ mm



(b) $l = 10$ mm



(c) $l = 20$ mm

Ukuran *droplet* pada debit air 6 ml/s dengan panjang (a) 5 mm, (b) 10 mm, (c) 20 mm



(a) $l = 5$ mm



(b) $l = 10$ mm

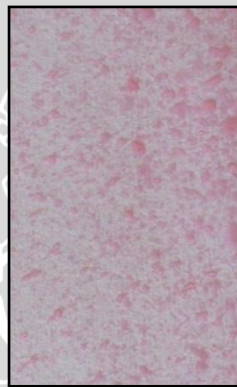


(c) $l = 20$ mm

Ukuran *droplet* pada debit air 7 ml/s dengan panjang (a) 5 mm, (b) 10 mm, (c) 20 mm



(a) $l = 5$ mm

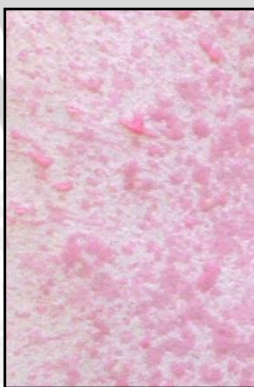


(b) $l = 10$ mm

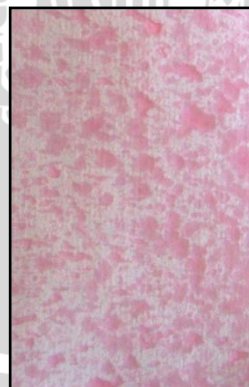


(c) $l = 20$ mm

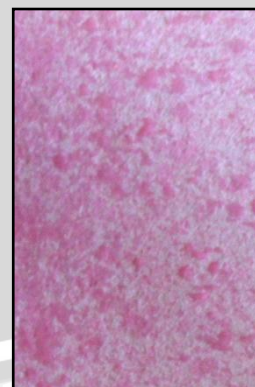
Ukuran *droplet* pada debit air 8 ml/s dengan panjang (a) 5 mm, (b) 10 mm, (c) 20 mm



(a) $l = 5$ mm



(b) $l = 10$ mm



(c) $l = 20$ mm

Ukuran *droplet* pada debit air 9 ml/s dengan panjang (a) 5 mm, (b) 10 mm, (c) 20 mm