TECHNICAL NOTE

ONE VALVE, TWO CHANNELS

Advanced MicroFluidics

2c. Aspirate

4c. Dispense

6c. Aspirate

8c. Dispense

Innovative

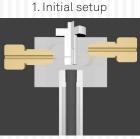
automation solutions

2a. Aspirate

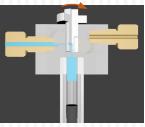
4a. Dispense

6a. Aspirate

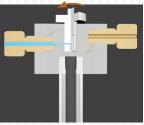
8a. Dispense



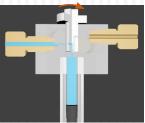
3. Valve switch



5. Valve switch



7. Valve switch

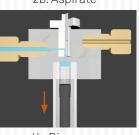


WHAT ARE WE DOING?

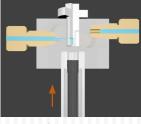
With our 2-stage distribution valve, VD2-6, we say that the carryover volume is smaller. But what really happens inside the valve?

Above is an example showing a typical initialisation sequence, usually called priming.

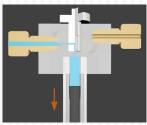
2b. Aspirate



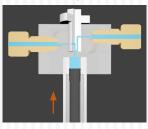
4b. Dispense



6b. Aspirate



8b. Dispense



WHAT'S IN IT FOR YOU?

- A view of the insides of the valve
- An indepth comprehension

- An illustration of the ingenious system that we designed

- A limited carryover volume

- An automatic priming sequence in 8 movements only !

CONTACT US FOR MORE INFORMATION

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V1.0