

Operating Procedures

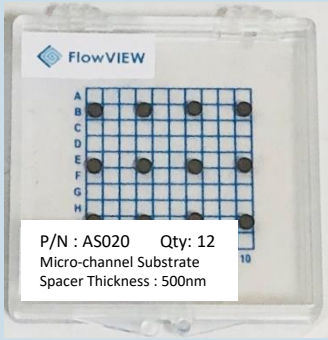
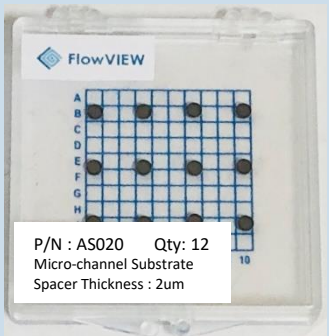

for Acrylic Case

Instructions

Spacer Chip Dripping Mode

Fluid Chip Dripping Mode

Acrylic case is designed for two modes.

	Spacer Chip Dripping Mode		Fluid Chip Dripping Mode
Materials	Size: 100nm ~ 500nm	Size: 500nm ~ 2um	Size: <100nm or > 2um Hydrophilic treated materials (Ex. Biological samples, Low atomic number samples)
Descriptions	<p>500nm spacer chip</p>  <p>P/N : AS020 Qty: 12 Micro-channel Substrate Spacer Thickness : 500nm</p>	<p>2um spacer chip</p>  <p>P/N : AS020 Qty: 12 Micro-channel Substrate Spacer Thickness : 2um</p>	<p>fluid chip</p> 
	Used in general case, put a spacer chip (500nm or 2um) onto the holder and drip liquid sample onto a spacer chip.		<p>Draw up liquid sample and directly drip liquid sample onto a fluid chip.</p> <p>※ Recommend doing hydrophilic-surface treatment before dripping liquid sample onto a fluid chip.</p>

Remarks: Spacer chip = Micro-channel substrate

Operating Procedures

Spacer Chip Dripping Mode

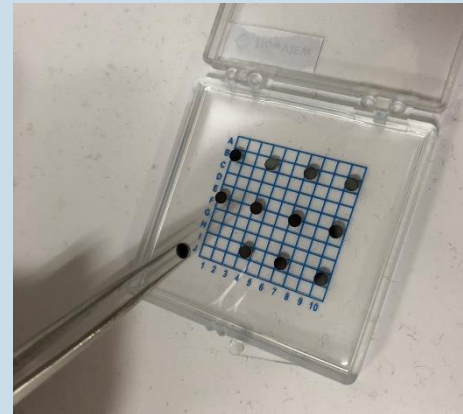
Fluid Chip Dripping Mode

step1



Take out acrylic case equipped with holder

step2



Take out chip with tweezers

step3



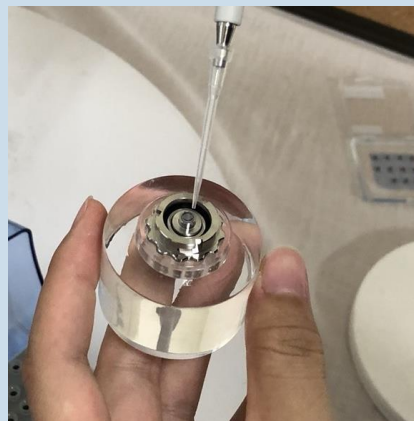
Put chip onto center of holder, align it with tangent line

step4



Take out pipette and install tip

step5



Draw up liquid sample, drip liquid sample onto center of chip (5ul at a time)

step7



Cover holder with lid, twist slightly

step8



Twist acrylic case to fit holder (Make sure upper and lower lines align)

Spacer Chip
Dripping Mode

Fluid Chip Dripping Mode

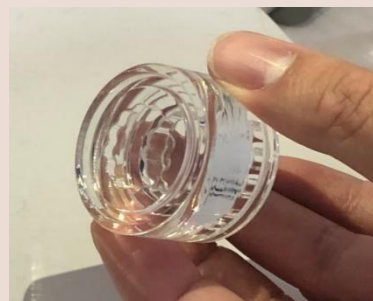
Operating Procedures

step1



Recognize the protruding surface as upper side.

step2



Turn to the opposite side.

step3



Put lid onto center of holder, align it with tangent line.

step4



Install the head to fit the acrylic case.

step5



Fit tip directly into the hole on the center of acrylic case.

step6



Turn acrylic case back to the upper side.

step7



Equip acrylic case with holder.

step8



Cover holder with lid, twist slightly

step9



Twist acrylic case to fit holder.
(Make sure upper and lower lines align)