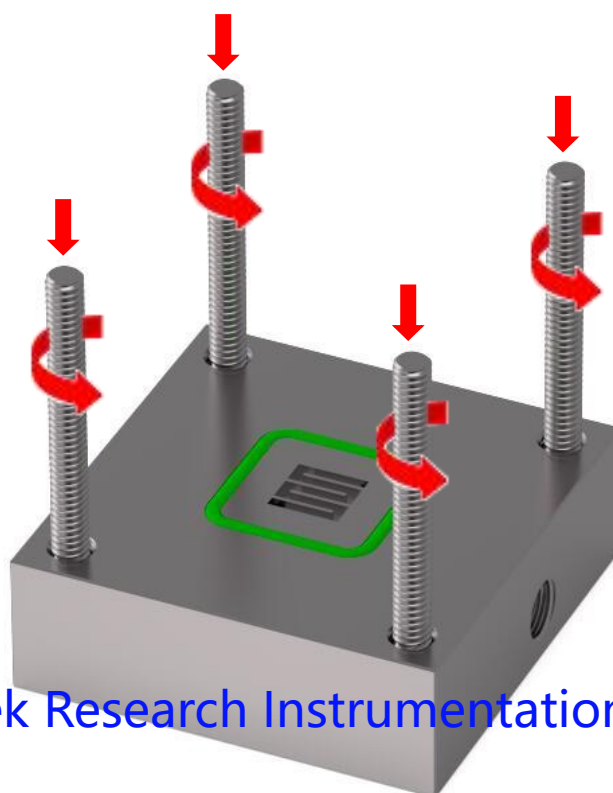
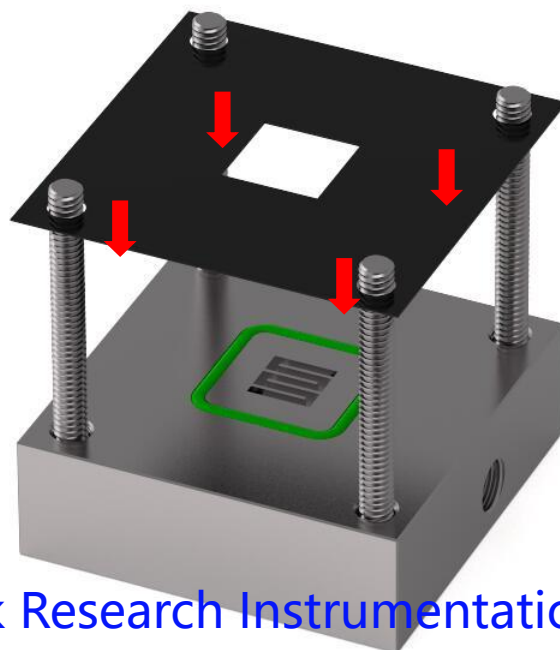


## Dek Research Instrumentation



Dek Research Instrumentation

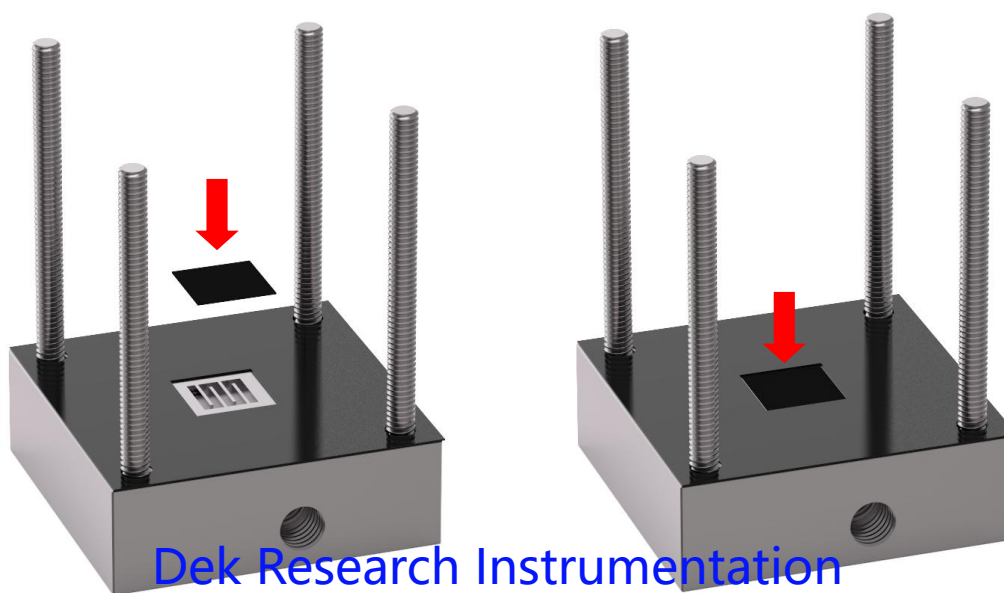
1 Place the cathode chamber flat and install four positioning rods.



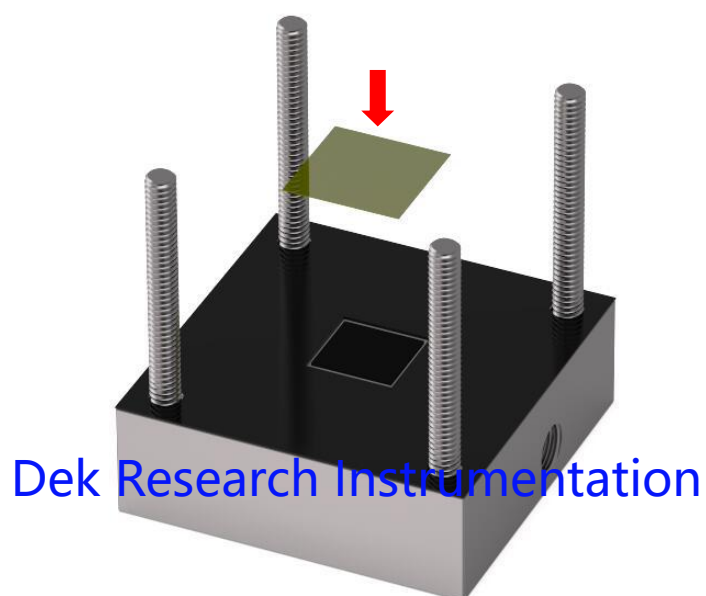
Dek Research Instrumentation

2 Place the cathode gasket 1# (User can also use polyimide tape to secure all four sides of the electrode, replacing gasket 1#) .

## Dek Research Instrumentation

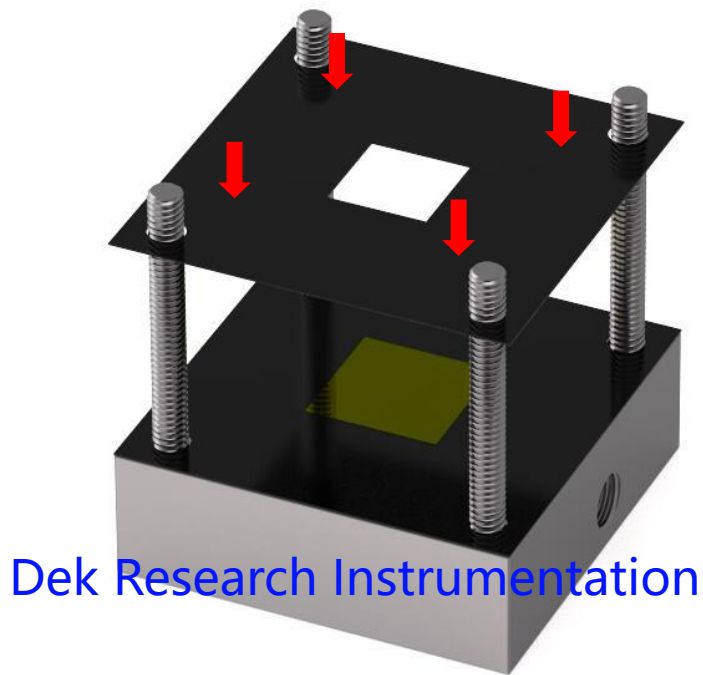


**3** Place the cathode, which is slightly smaller than the gasket 1#.

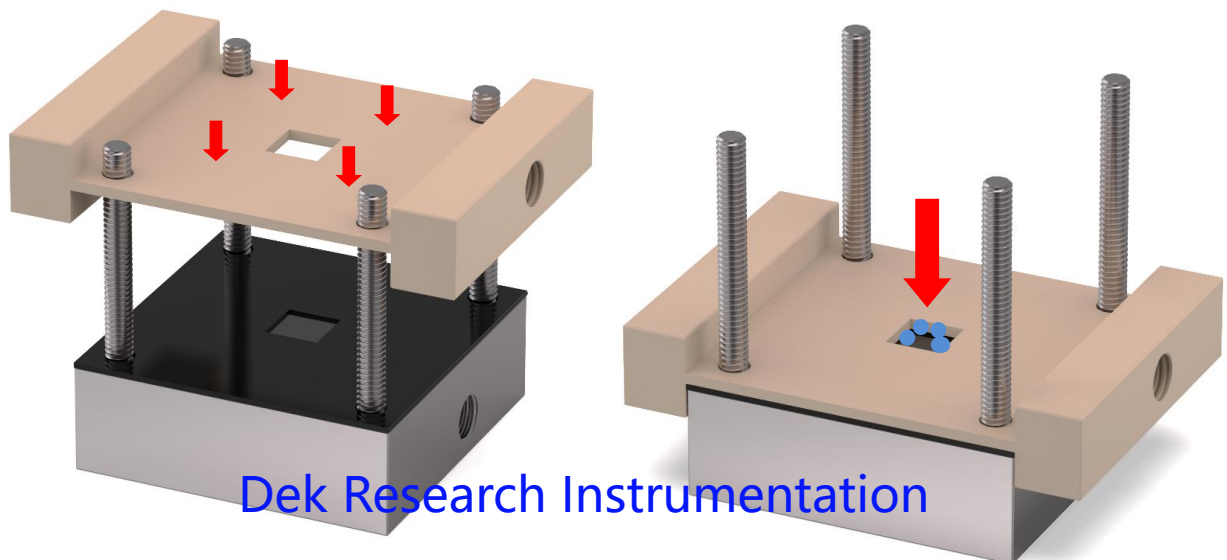


**4** Place the anion exchange membrane, which is larger than the gasket 1#.

# Dek Research Instrumentation



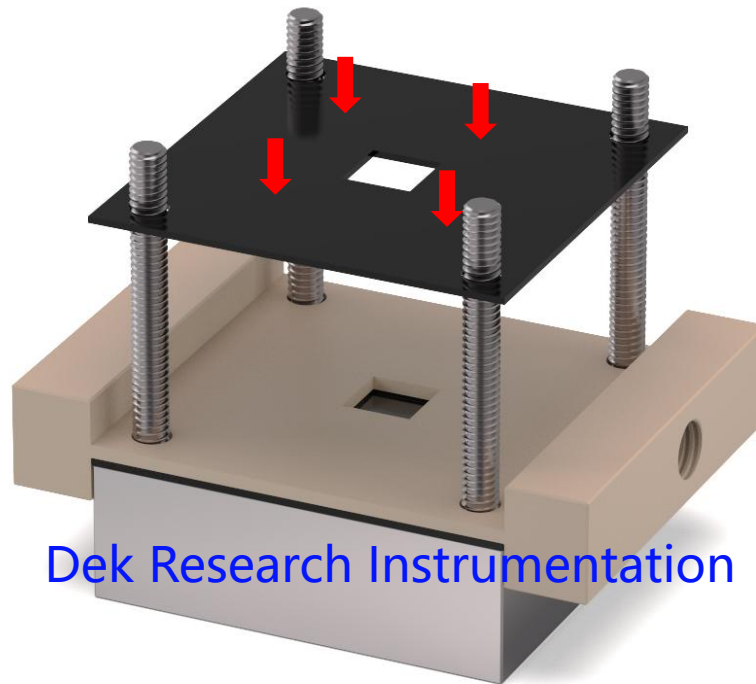
5 Place the sealing gasket 2#.



6.1 Place the PSE chamber.

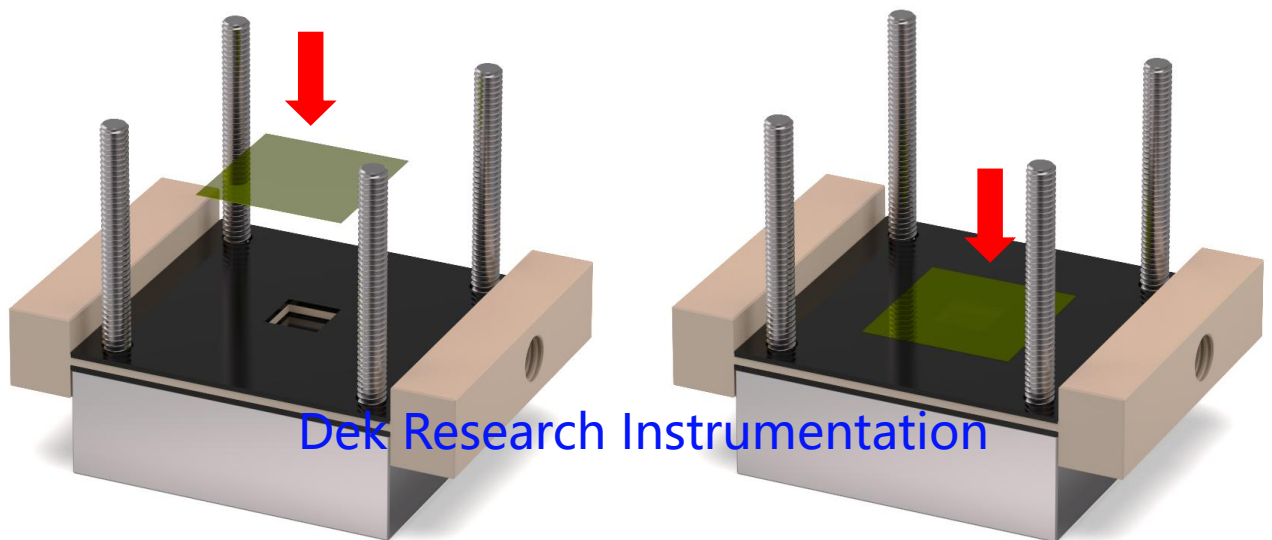
6.2 Place the porous solid electrolyte.

## Dek Research Instrumentation



Dek Research Instrumentation

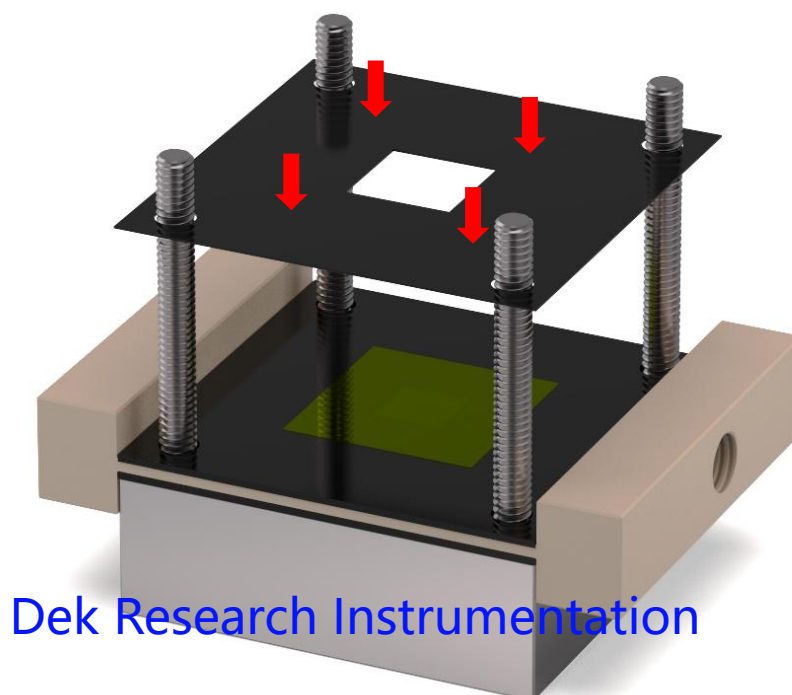
7 Place the sealing gasket 3#.



Dek Research Instrumentation

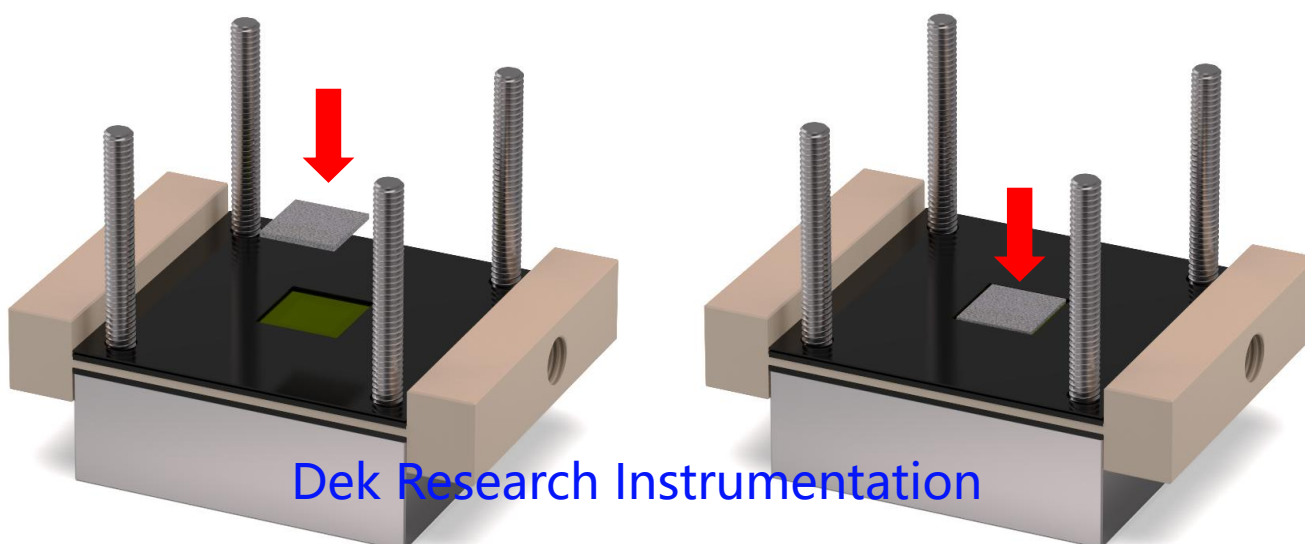
8 Place the cation exchange membrane, which is larger than the gasket 4#.

## Dek Research Instrumentation



Dek Research Instrumentation

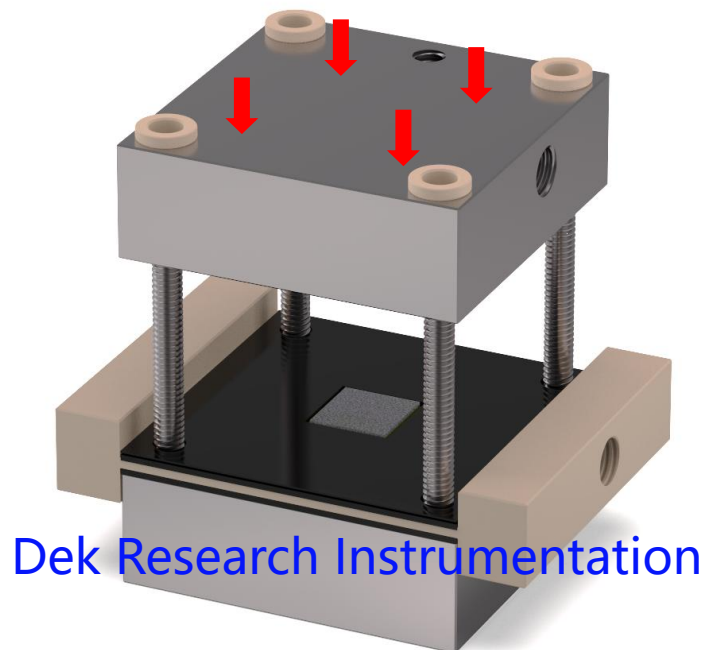
**9** Place the anode gasket 4# (User can also use polyimide tape to secure all four sides of the electrode, replacing gasket 4#)



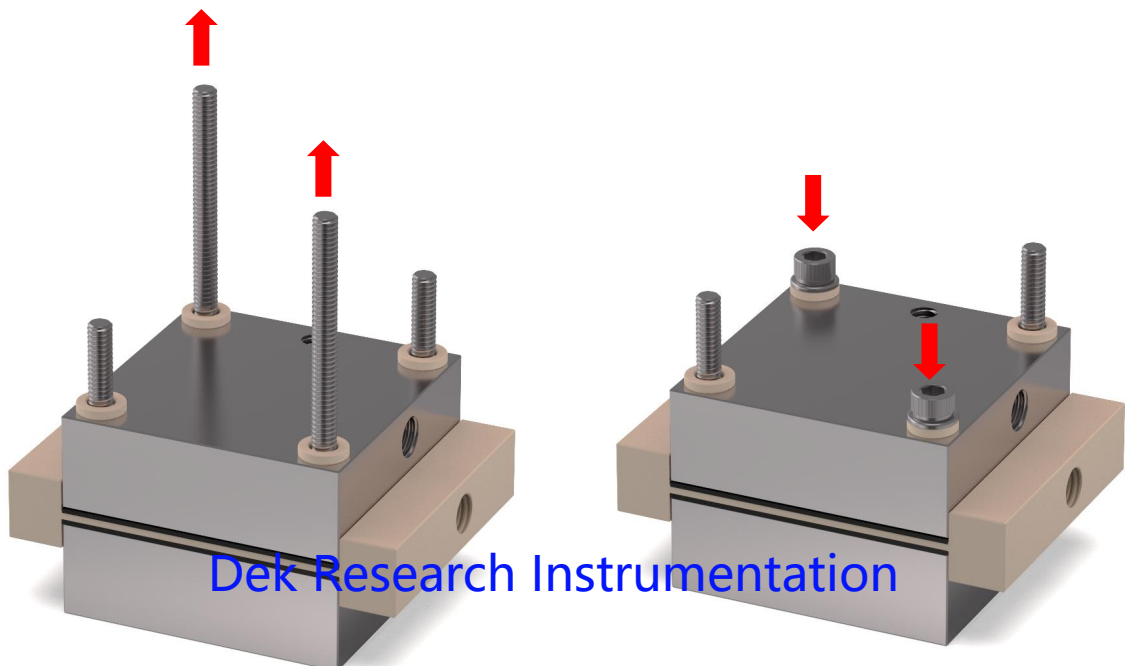
Dek Research Instrumentation

**10** Place the anode, which is slightly smaller than the gasket 4#.

# Dek Research Instrumentation



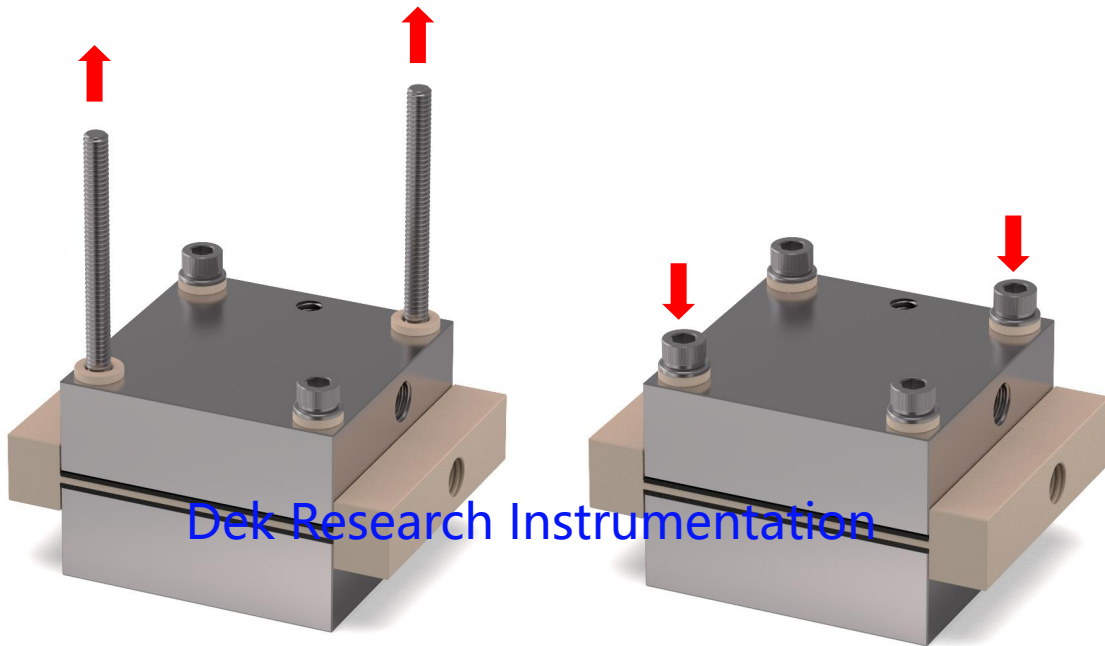
**11** Place the anode chamber.



**12.1** Remove two positioning rods at the diagonal positions.

**12.2** Place the metal spacers diagonally and tighten the fixing rods.

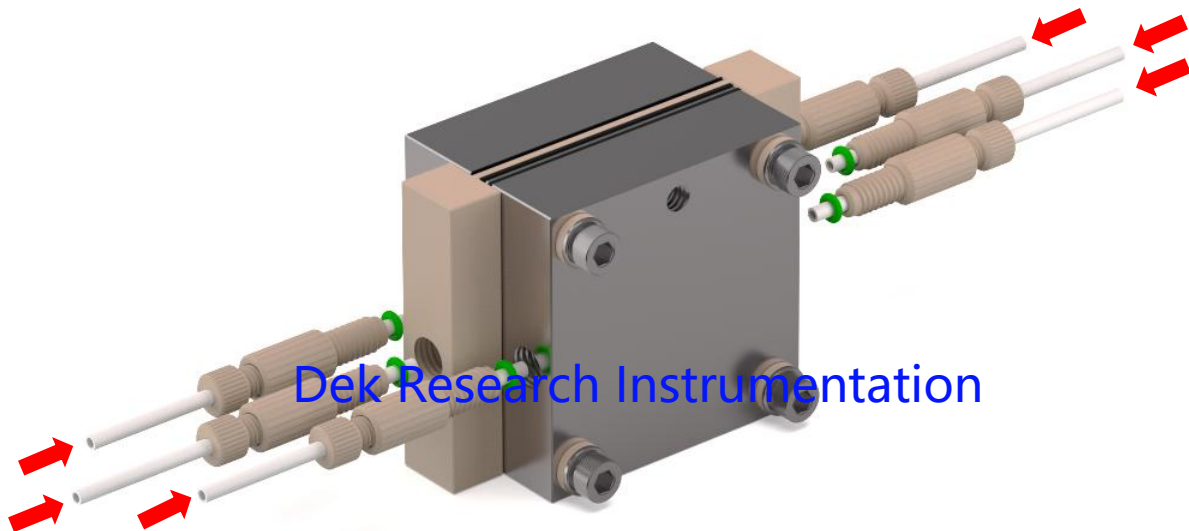
## Dek Research Instrumentation



**13.1** Remove the remaining two positioning rods.

**13.2** Place the metal spacers diagonally and tighten the fixing rods.

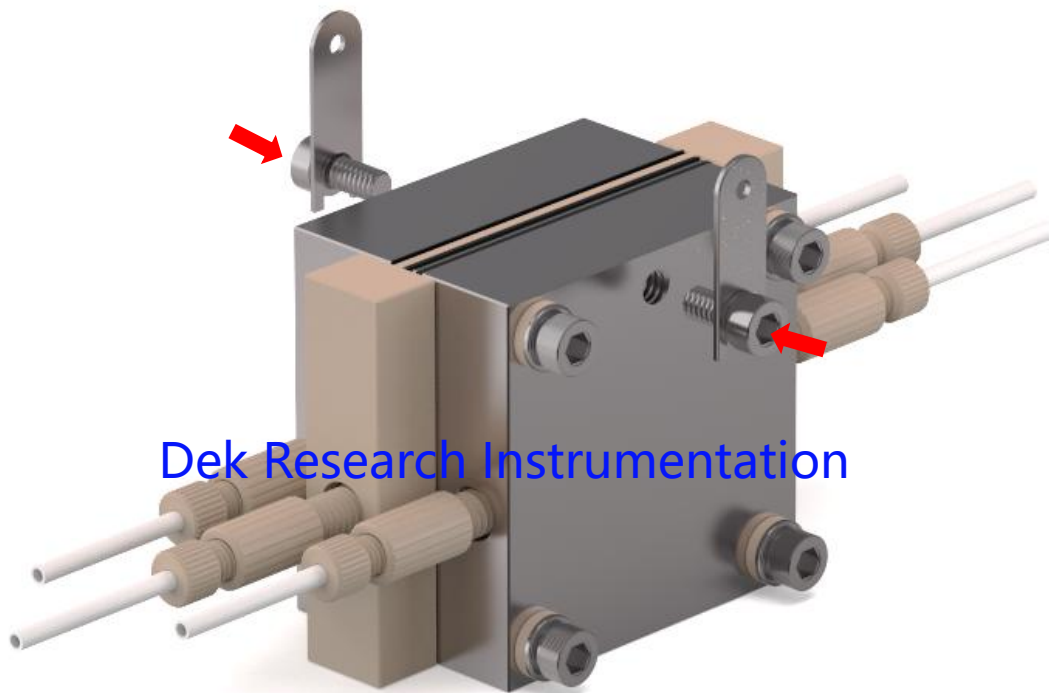
**13.3** Be sure to use a torque wrench to tighten evenly.



**14** Install the PTFE tube.

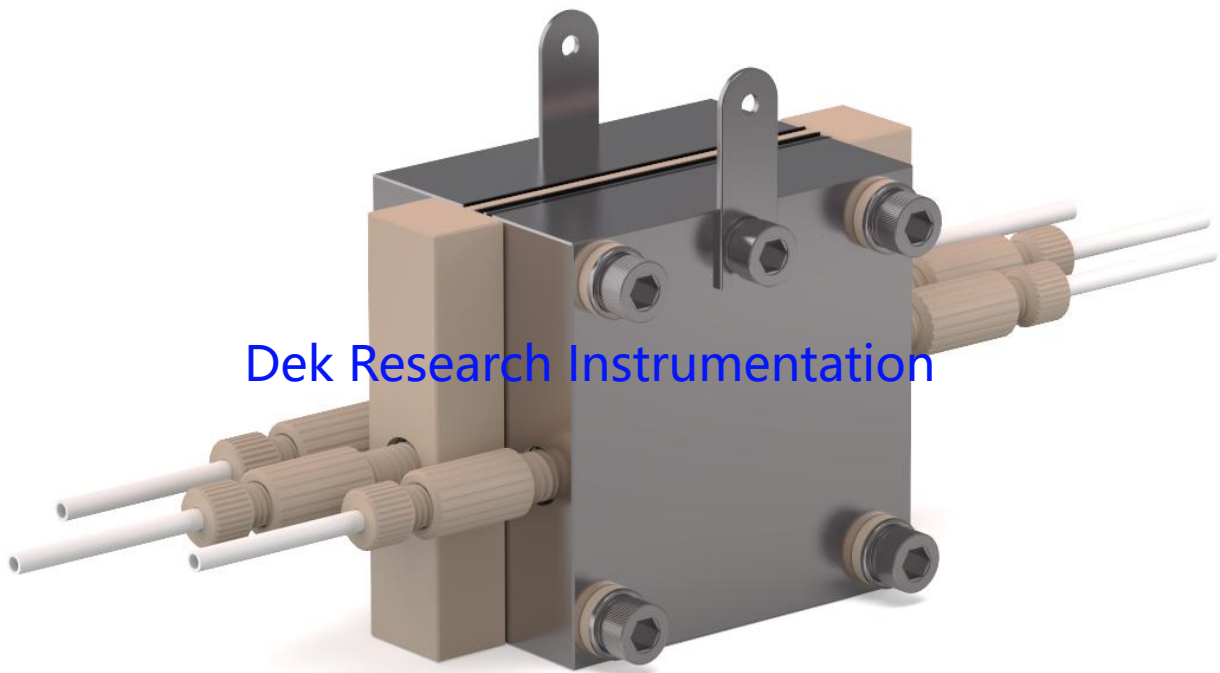


## Dek Research Instrumentation



Dek Research Instrumentation

**15** Install the conductive current collector.



Dek Research Instrumentation

**16** Assembled.