

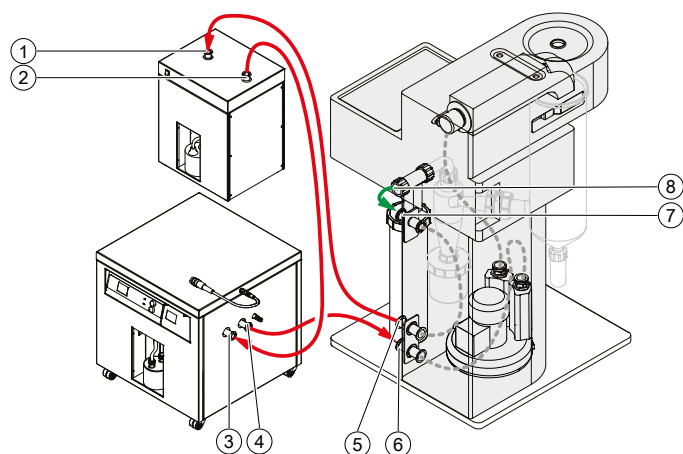
Mini Spray Dryer S-300 in closed pressure mode with Dehumidifier and Inert Loop

Reading and following the instructions in this document does not replace reading and following the instructions in the operation manual.

Configuration

The following instruments are necessary for the closed pressure mode:

- Mini Spray Dryer S-300
- Inert Loop S-395
- Dehumidifier S-396



Dehumidifier S-396

- | | |
|---------|----------|
| 1 Inlet | 2 Outlet |
|---------|----------|

Inert Loop S-395

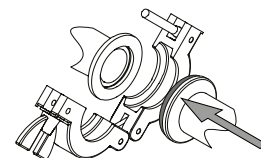
- | | |
|------------------|-------------------|
| 3 Process gas IN | 4 Process gas OUT |
|------------------|-------------------|

Mini Spray Dryer S-300

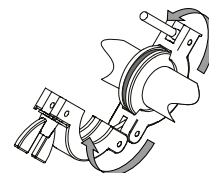
- | | |
|----------------------|-----------------------|
| 5 Outlet | 6 Inlet |
| 7 Filter pressure IN | 8 Filter pressure OUT |

Securing the tubes

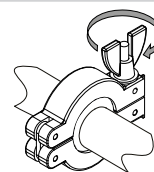
- ▶ Attach the tubing pieces.



- ▶ Close the easy clamp.



- ▶ Tighten the nut.

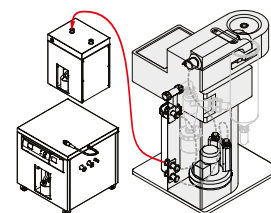


Installing the closed pressure mode with Dehumidifier S-396 and Inert Loop S-395

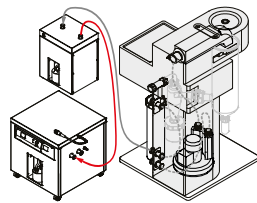
Precondition:

- The mini spray dryer is prepared. See operation manual "*Mini Spray Dryer S-300*".
- The inert loop is prepared. See operation manual "*Inert Loop S-395*".
- The dehumidifier is prepared. See operation manual "*Dehumidifier S-396*".
- The tubing inside the Mini Spray Dryer S-300 is installed. See installation manual "*Mini Spray Dryer S-300 in open pressure mode*" or "*Mini Spray Dryer S-300 in open suction mode*".
- ▶ Connect the inert loop communication cable to the related connection on the mini spray dryer. See operation manual "*Inert Loop S-395*".

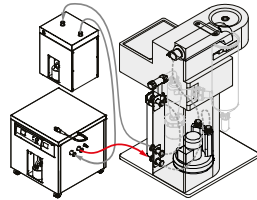
- ▶ Install the process gas tube to the Mini Spray Dryer S-300 outlet.
- ▶ Install the other end from the tube to the dehumidifier IN.
- ▶ Secure the process gas tube with the easy clamp.



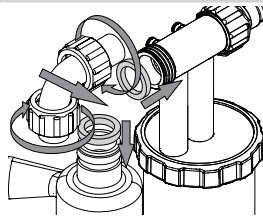
- ▶ Install the process gas tube to the dehumidifier **OUT**.
- ▶ Install the other end from the tube to the process gas **IN**.
- ▶ Secure the process gas tube with the easy clamp.



- ▶ Install the process gas tube to the process gas **OUT**.
- ▶ Install the other end from the tube to the Mini Spray Dryer S-300 inlet.
- ▶ Secure the process gas tube with the easy clamp.



- ▶ Install the angle tube to the filter.



- ▶ Install the process gas tube to the filter pressure **OUT**.
- ▶ Install the other end from the tube to the filter pressure **IN**. See operation manual "*Mini Spray Dryer S-300*".
- ▶ Secure the process gas tube with the easy clamp.
- ▶ Install the filter sensors. See operation manual "*Mini Spray Dryer S-300*".

