

INSTRUCTION MANUAL

Model: Emission Condenser for DC Chem 610 Pro

Carefully check if the shipping carton is damaged before unpacking. Please check the items according to the standard package list. If you have any questions, please preserve serial no. & shipping carton and contact your dealer for quick solution.

Model	Emission Condenser for DC Chem 610 Pro
Standard package list	Emission Separator (with GL14 hose connectors: bent x1, straight x2) Lab Stand (includes a base, a rod, a flask clamp, and a clamp holder)

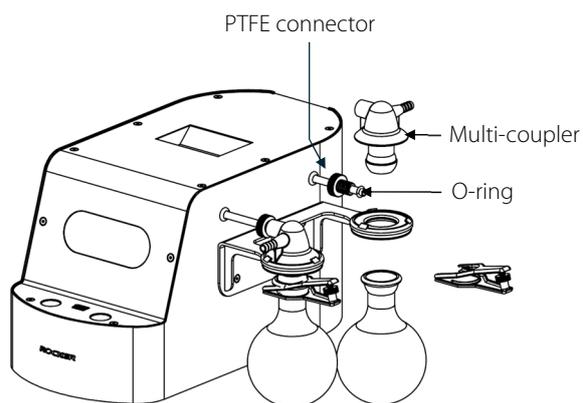
Position	Designation	Position	Designation	Position	Designation
1	Gas Inlet	4	Flask Clamp and Holder	7	Round Bottom Glass Flask
2	Gas Outlet	5	Coolant Connection	8	Lab Stand
3	Glass Separator	6	Pinch Clamp		

Maintenance

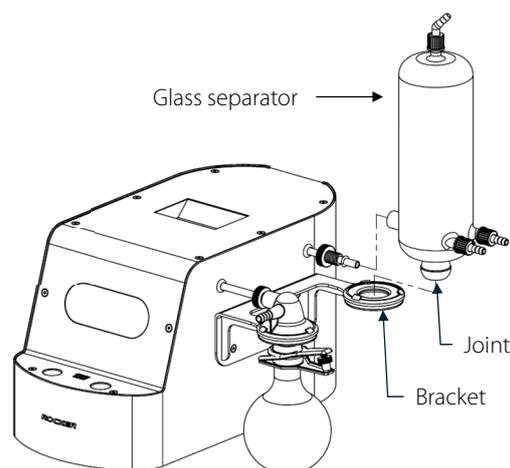
- A. Verify that all tubing connections are secure and the coolant lines are not blockage or leakage.
- B. After each use, rinse the condenser with an appropriate solvent or distilled water to remove chemical residues, and ensure it is thoroughly dried before reassembly or storage.
- C. O-ring(s) are consumables, it is recommended to replace them on a yearly basis or as needed to maintain proper sealing performance.

Installation

Emission Condenser of DC Chem 610 Pro



Disassembly of Outlet Trap



Assembly of Emission Condenser

- The emission condenser is installed at the Auto Vacuum System outlet to prevent solvent vapors release.

1. Assemble the lab stand (8) by screwing the rod into the base and secure it from underneath using a nut. Then, attach the flask clamp to rod using a clamp holder (4).
2. Loosen the PTFE connector at outlet (2) of system. Then remove the pinch clamp (6), glass flask (7), and multi-coupler.
 - Keep the PTFE connector and O-ring on the outlet tube.
3. Insert the outlet tube into the glass separator (3), then screw the PTFE connector. Pass the joint of the glass separator through the bracket.
 - Pushing the PTFE connector closer to the system helps the joint pass through more easily.
4. Secure the glass separator using the lab stand (8), and attach the glass flask (7) using pinch clamp (6).
5. Connect the coolant lines to the condenser's coolant connection (5), and start operation.
 - Ensure the coolant flows freely when using the emission condenser.



Ordering Information

182610-51-P Emission condenser for DC Chem 610 Pro

182610-51-31-P Glass separator

182610-50 Glass flask set
(500 mL round flask x 2, pinch clamp x 2)

182610-51-32-P GL14 hose connector, straight (2 pcs)

182610-51-33-P GL14 hose connector, bent

182610-47 PTFE connector

OR-AS109-FP O-ring