

Model 4xx Pumping Chamber

While a TEM holder is not used in a TEM, it is recommended to store it under vacuum in a device designed for TEM holders. Simple Origin offers a dedicated Pumping Chamber solution (Model 4xx) for up to two TEM holders, which serves not only the purpose of storage, but also allows easy as well as sophisticated cryo holders warmup and regeneration of the dewar internal carbon or zeolite material. Upon customer request, Simple Origin also can supply a appropriate turbomolecular pumping station, such as Pfeiffer Vacuum HiCube 80 Eco or Leybold Turbolab 80 (or can assist the user in finding a good configuration).



MAIN FEATURES AND COMPONENTS

- ❑ Consists of DN 63 ISO-K flange (towards turbomolecular pumping station) and DN 25 ISO-KF flange (towards vacuum gauge). Two pumping chambers can be stacked onto a pumping station to allow pumping of up to four holders.
- ❑ Transparent housing around the tip areas allows convenient observation.
- ❑ Each holder has a dedicated port for pumping the dewar. Each of these pumping ports has a manual vacuum valve.
- ❑ Supplied with hose and two blind plugs.
- ❑ Compatible with various TEM and cryo holders.
- ❑ Can be configured to accept one holder each from two different TEM manufacturers.



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