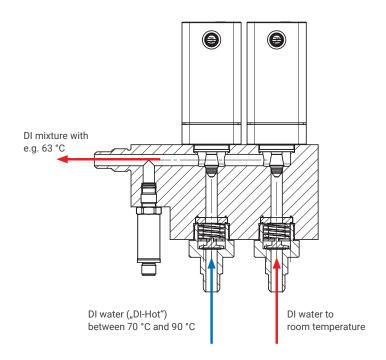


Process description

In order to make manufacturing processes efficient and precise, it is necessary to bring media to an exact temperature and to keep this constant. In particular, high temperatures are required in cleaning processes. The repeatability of a process largely depends on the media temperature remaining stable during the entire process. This is ensured by upstream temperature monitoring.

The task

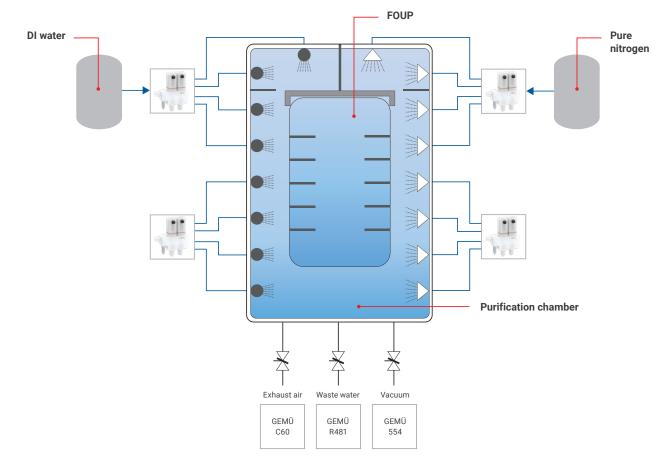
When cleaning FOUP boxes and EUV mask boxes, it is usual to work at elevated temperatures, in order to speed up the cleaning process. The design shown enables very precise control of the warm water flow. The challenge here is very precisely mixing and controlling the plant supply's prevailing room temperature and hot DI supply. To this end, GEMÜ also offers, in addition to simple distribution blocks, a special solution for mixing applications.





GEMÜ solutions for complex mixing tasks

Example application: FOUP cleaning



Suitable GEMÜ products

