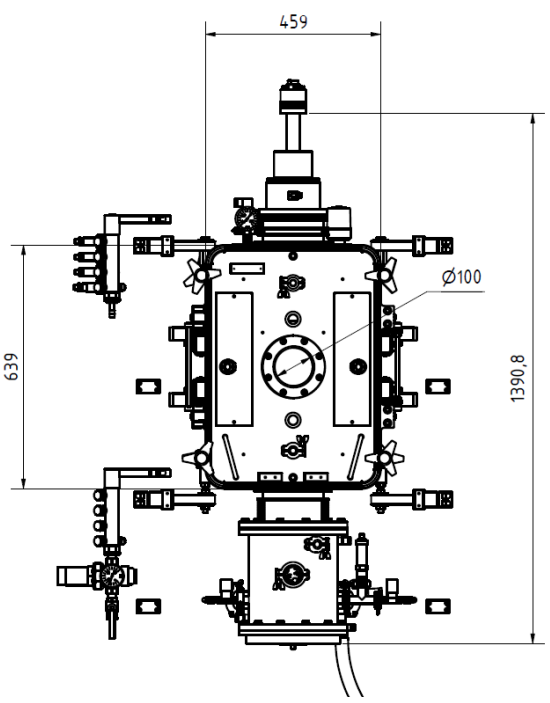
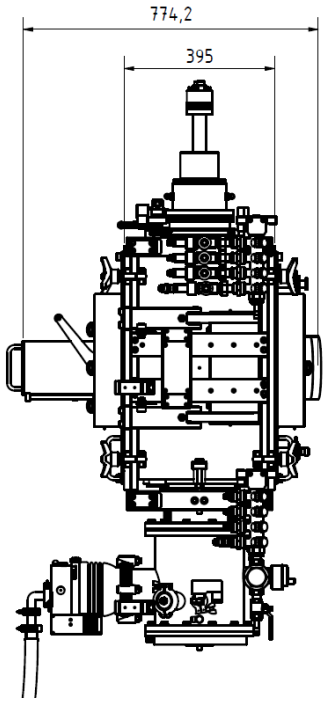
Hochtemperatur-Vakuum-Prüfsysteme

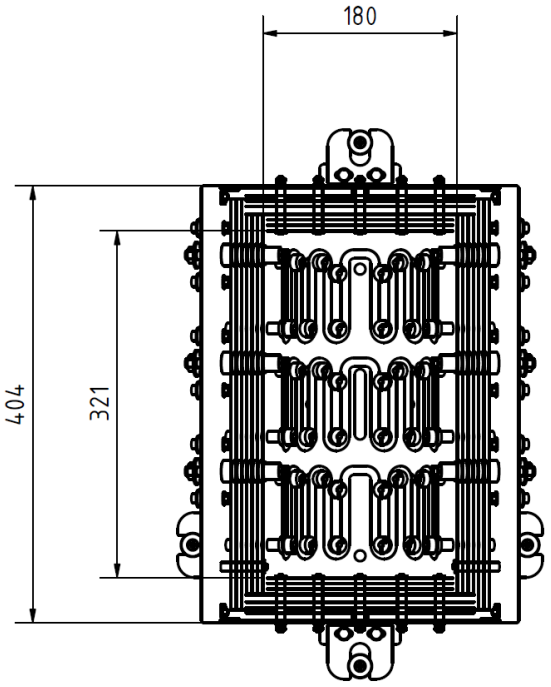
Technical details: MAYTEC 1600°C – 1800°C system

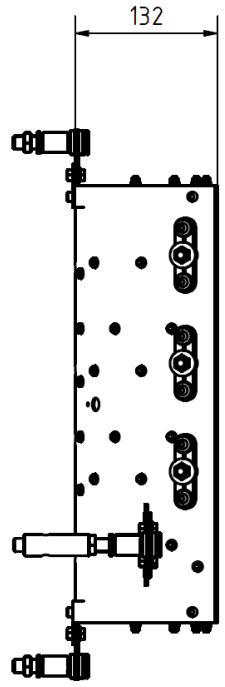
1) Dimensions





Chamber



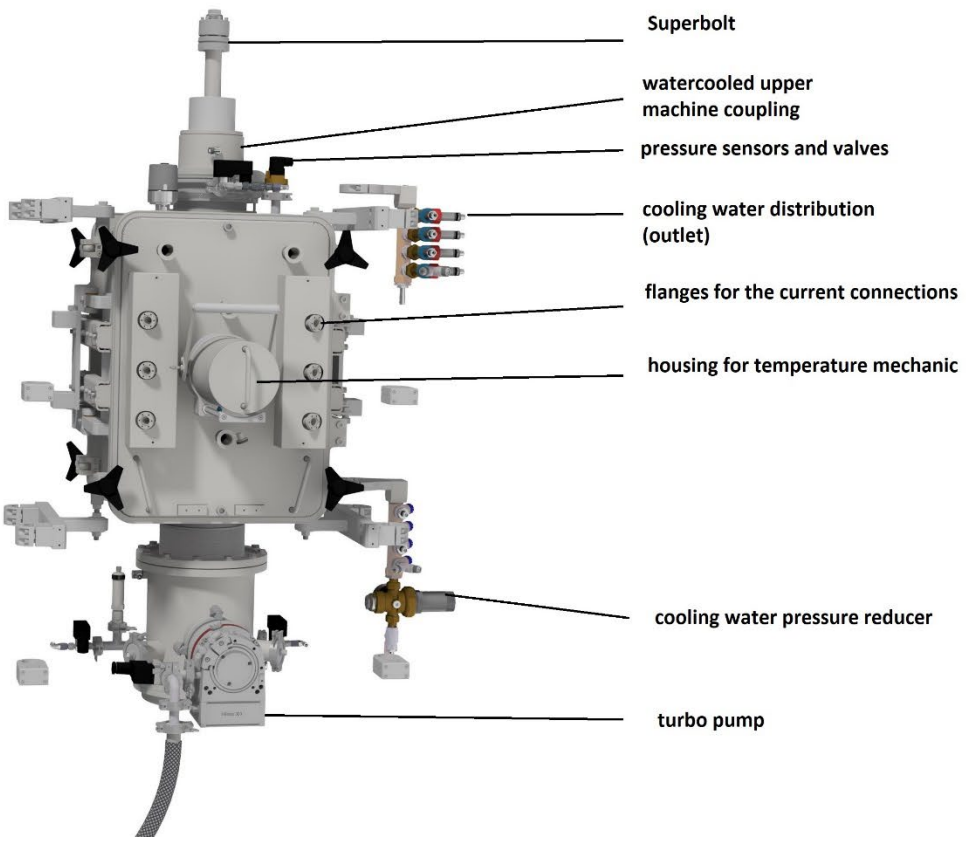


Heating insert

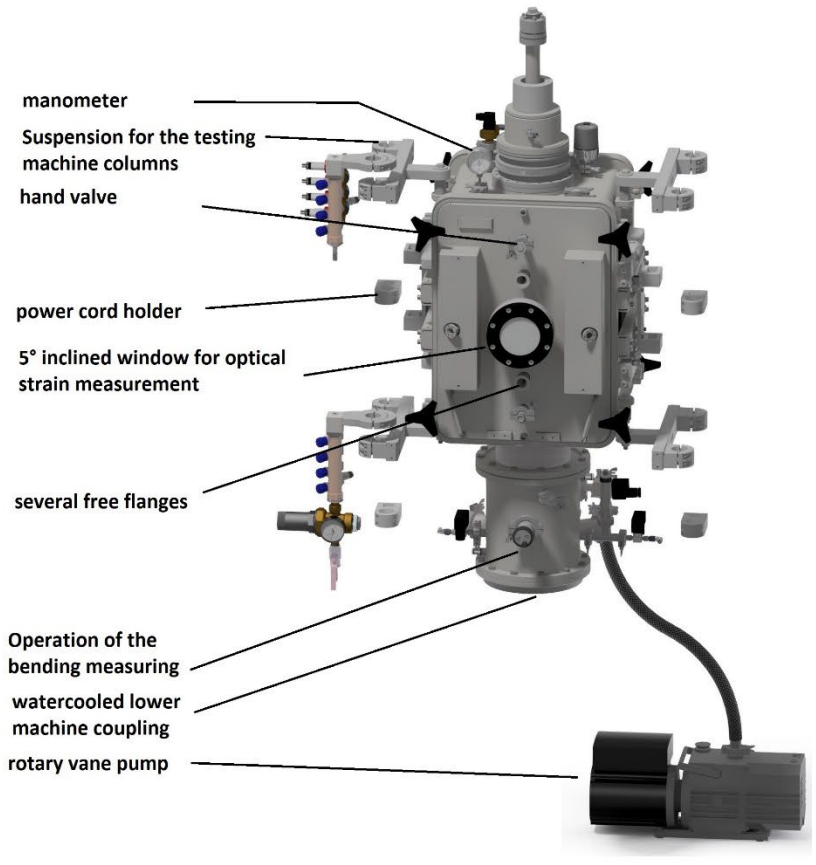
The chamber is designed as a square. The complete system is double-walled and water-cooled. In order to compensate for heat-related dimensional changes, one half of the heating insert is spring-mounted

Overview chamber

back view



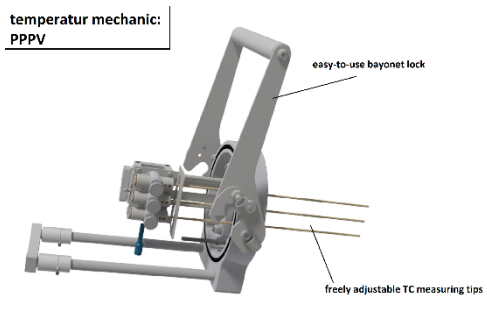
front view



2) Explanation of some special features:

1) Temperatur mechanic PPPV or pyrometers

Depending on your requirements, we can equip the chamber with either thermocouples or pyrometers for temperature measurement. For some test materials, especially those that contain carbon, we recommend no longer testing with thermocouples from a temperature of approx. 1700°C, as these can react with the carbon escaping from the samples and thus negatively influence the test results due to incorrectly displayed temperatures.



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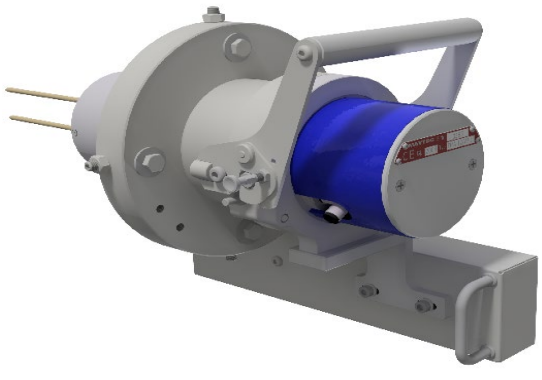
2) Electrically driven extensometer

Can be mounted on the front instead of the sight glass. After mounting your sample in the machine, you can approach your sample easily by pushing a button on the steering rack. For work on the extensometer, e.g. the l0 adjustment, or changing feeler rods, you can dismantle the device in just a few simple steps and conveniently fix it on the stand provided.



Vacuum Extensometer

Approach control

3) Details

upper pot

sectonal view

lower pot