Pressure -, Burst- and Leak-Tests

For what: Quality aspects and safety regulations require pressure- and bursting-tests to be carried out on components which work under pressure to verify their calculated results.

Which: Depending on the size, we can test and document the pressure and burst behaviour of everything from glass bottles, sight glass and ceramic bodies to plastic containers, gas cylinders, valve housings and steel tanks.

How: In our testbench, the test specimens are pressurized. They are fixed and sealed with a suitably designed fixture. For each test specimen, the result is documented over time and saved as an Excel file.

Why baromax:

Rely on our years of experience in the ultra-high-pressure range and our flexibility in procedure. Due to our development and manufacturing of the fixtures in our house, we can test the most different materials and geometries.

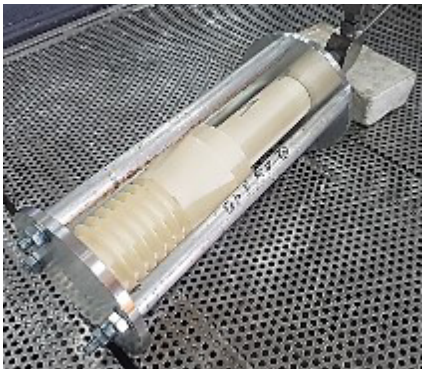
If we have aroused your interest, please do not hesitate to contact us personally.

Together we will find the right solution for your project!

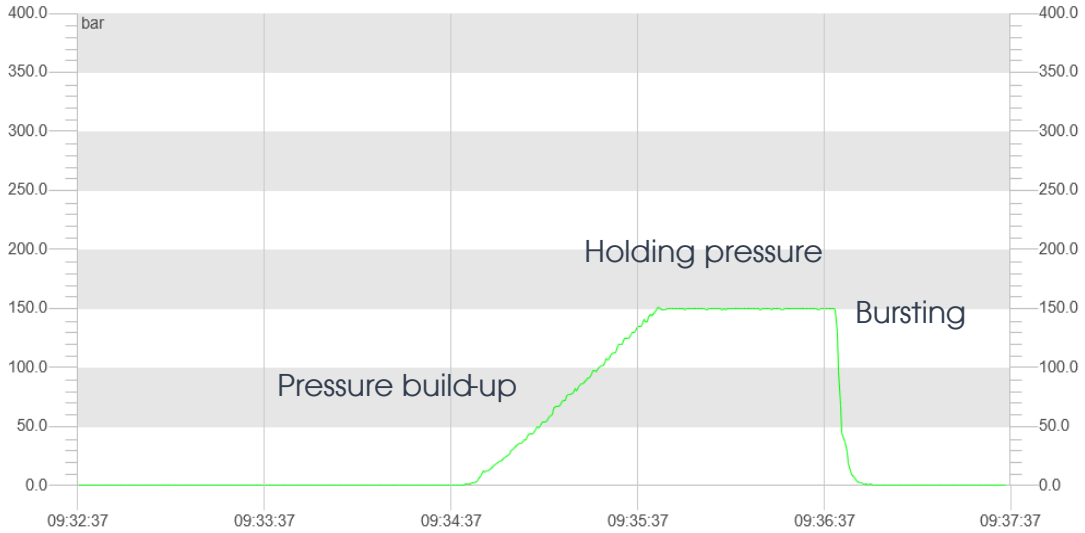
Burst testing of gas cylinders

Burst test on sight glass in a device specially developed by baromax

baromax
HIGH PRESSURE SOLUTIONS
An der Bahn 10
22844 Norderstedt
Germany
+49 40 3999707 - 0
post@baromax.de
www.baromax.de



Before and after a burst test on a ceramic insulator in a baro**max** device



The documentation is done via a self-developed program and can be set for different test volumes and times. The data is saved as an Excel file at the end of the recording. The figure shows the recording of a burst test with a holding pressure of 150 bar and a holding time of approximately one minute.

The baro**max** GmbH

We offer engineering solutions for the ultra-high pressure range up to 10,000 bar.

- Pressure, burst & leak tests
- Development & Engineering
- Special designs for the ultra-high-pressure range
- Manufacturing of systems and equipment
- Manufacture of components in the ultra-high-pressure range

baromax HIGH PRESSURE SOLUTIONS
An der Bahn 10
22844 Norderstedt
Germany
+49 40 3999707 - 0
post@baromax.de
www.baromax.de