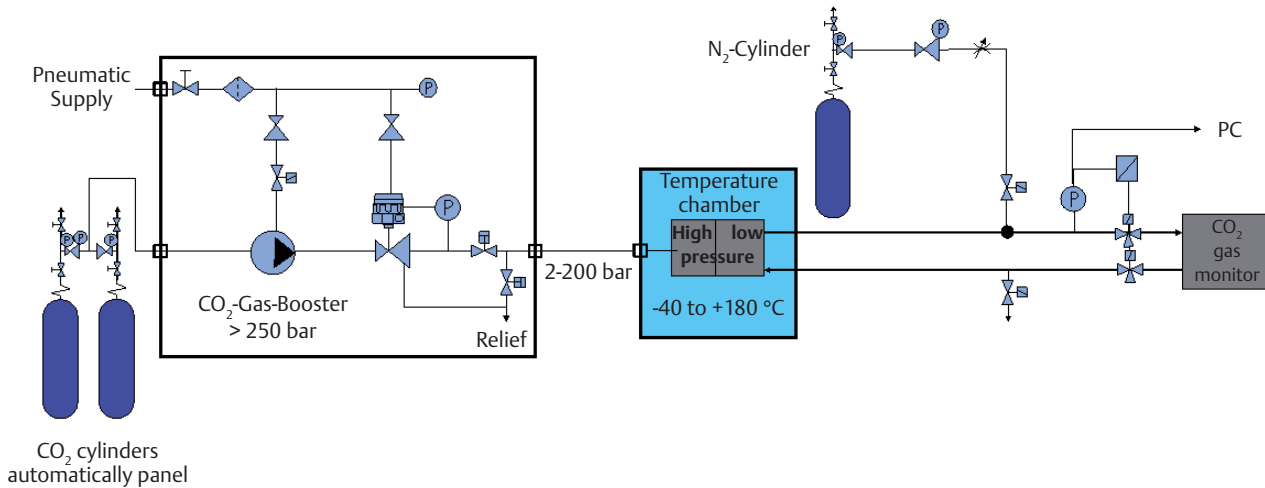




# Gas Supply

CO<sub>2</sub> Supply System





High quality needs of the automotive and aerospace industries require detailed testing of all components under real life conditions. In this application hose assemblies and connectors are tested for CO<sub>2</sub> permeation. The temperatures of the test cycles range from -40 to 180 °C and pressures up to 200 bar. Special consideration has to be taken into account due to the phase change of CO<sub>2</sub> und this conditions.

### Task:

- Supply of CO<sub>2</sub> in a broad pressure range.
- Control of temperature chamber
- Read gas concentration
- Maintain conditions in test cell.

## Technical Description

<b>Loading</b>	Manual
<b>Test Media</b>	Carbon dioxide
<b>Pressure</b>	2 - 200 bar (30 - 3000 PSI)
<b>Temperature</b>	-40 to 180 °C (-40 to 350 °F)
<b>Controls</b>	PC
<b>Features</b>	<ul style="list-style-type: none"> <li>• Flexible test procedure</li> <li>• Pulsation mode</li> <li>• Flushing and pressure control for measurement chamber</li> <li>• high pressure shut down for gas monitor</li> <li>• Data storage, Excel readable</li> </ul>

*The design and the technical parameter are selected for this application and can be changed according to customers needs.*