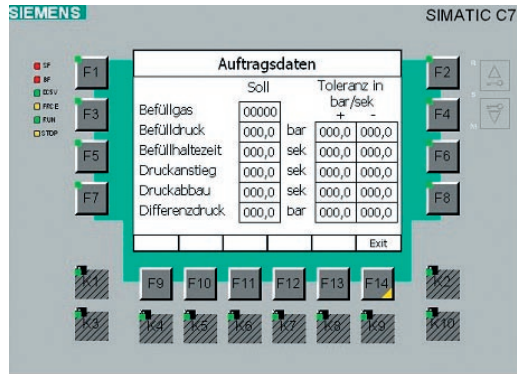
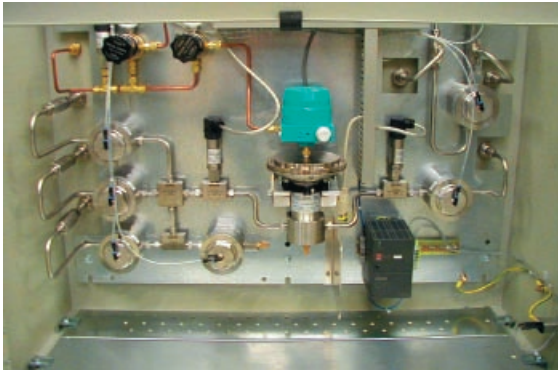




Gas Dosing

Charging of Gas Generators





The system is used for automatically filling of airbag gas generators. The electronically controlled filling ramp guarantees a safe and exact charging at short cycle times.

Technical description

Loading	Automatic, integrated into the welding station
Test Part	Different types of gas generator
Test medium	3 mixtures of gases: Ar, He, N ₂ and O ₂
Test pressure	Up to 700 bar
Temperature	Room temperature
Accuracy	20 bar
Control system	Siemens S7-300, Profibus
Features	<p>Communication with station plc via Profibus.</p> <p>Electronically controlled pressure ramps to protect internal burst structures.</p> <p>Filing time (fill, weld, exhaust): approx. 10 sec.</p> <p>E-Stop and safety features considered.</p>

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