



# Gas Dosing

Charging of Gas Generators





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

## Technical Description

<b>Loading</b>	Automatic, integrated into the welding station
<b>Test Parts</b>	Different sizes of gas generators
<b>Test Media</b>	Ar / He
<b>Pressure</b>	Up to 800 bar
<b>Temperature</b>	Room temperature
<b>Accuracy</b>	2 bar
<b>Controls</b>	By station PLC
<b>Features</b>	<ul style="list-style-type: none"><li>• Communication with station PLC via ASI-Bus</li><li>• Electronically controlled pressure ramps to protect internal structures</li><li>• Filling time (fill, settle, weld): approx. 10 sec</li><li>• E-stop and safety features considered</li></ul>

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