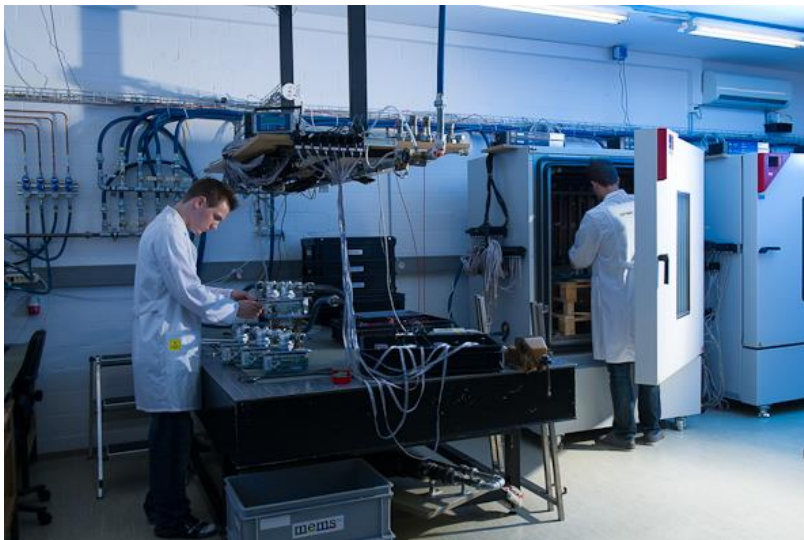


MEMS gas laboratory

MEMS AG has a modern and flexibly equipped laboratory for gas flow measurements, in particular also for the use of flammable gases. The laboratory is equipped with hot-cold cabinets to bring the samples to the right temperature ranging from -40 °C to 180 °C. Various fixed and mobile measuring instruments and flow controllers make it possible to implement experimental setups according to your needs and wishes.



Facts

Gas measurements:	air, N ₂ , CO ₂ , CH ₄ , natural gas, ...
Flow:	0.1 ... 200 l/min (± 0.22 %)
Temperature:	-40 ... 180 °C
Pressure:	0 ... 200 bar (static) 0 ... 500 mbar (when in flow)
Temperature cabinet:	3 x 0.72 m ³
Special features:	test bench with critical nozzles in positive pressure mode
Location:	Birmenstorf AG, Switzerland

Offer

Measurements. We carry out your experiments and measurements according to your individual specifications.

Laboratory rental. Would you like to perform your experiments yourself, or be present when they are being performed? MEMS AG rents out the gas laboratory including technical assistance and support.

Know-how. Due to our long-standing know-how in the field of gas control and instrumentation technology, we are able to assess the feasibility and difficulties of your project and optimize existing concepts if necessary.

Gas quality measurements. Would you like to measure specific gas properties and values? Due to its specially developed gasQS® technology, MEMS AG is a pioneer and expert in the field of gas quality determination.

Version management

Date	Editor	Comment
14.09.2015	CHZ	Original; Added version management
31.10.2016	CHZ	<ul style="list-style-type: none">- Versionierung in Fusszeile- gasQS® Zeichen eingeführt- optimize- modern <u>and</u> flexible- Aufzählung Kleingeschrieben- Abstände bei Einheiten