

## PRODUCT RANGE

- Low pressure test rigs for domestic and industrial gas meters
- Closed-loop test systems for thermal gas meters
- Manufacturer test systems for metering stations
- High pressure test rigs for gas meters designed as closed-loop or as bypass
- Testing rigs for domestic and large water meters testing rigs
- Testing rigs for heat meters
- Testing rigs for electricity meters
- Mobile gas and water and electricity meter testing rigs
- Testing equipment for gas pressure regulators
- Flushing equipment
- Leakage testing equipment
- Testing equipment modernization
- Measurement data evaluation systems (InoCloud)

## SERVICE PROGRAM

- Calibration services according to DIN EN ISO/IEC 17025:2018
- Remote support and on-site service
- Maintenance contracts
- Preventive maintenance
- Update service
- Spare parts deliveries
- System expansion
- Software support with customized adaptations
- Customer related trainings

You can find more information here:



We are happy to answer your questions on site or you can contact us online at

[www.inotech.eu/en](http://www.inotech.eu/en)



**inotech Meter Calibration Systems GmbH**

**Obere Hardt 15  
76467 Bietigheim**

**Fon: +49 (0) 7245 - 80475 - 0**

**Fax: +49 (0) 7245 - 80475 - 36**

**Email: [info@inotech.eu](mailto:info@inotech.eu)**



**Test Rigs for  
Measurement  
Chambers**



## DESCRIPTION

The inotech test rigs for the calibration of measurement chambers are designed to meet the individual manufacturer requirements together with the highest accuracy and the shortest calibration time.

### At a glance:

- Manufacturer-independent calibration of all types and sizes of measuring chambers
- All sizes can be calibrated (e.g. for diaphragm gas meters or ultrasonic gas meters)
- Individual number of test locations, each equipped with set of Venturi nozzles corresponding to the desired flow rate

- Test control is monitoring the system status and displays the measurement results
- The use of sonic nozzles as references guarantees the highest accuracy and the fastest flow control
- Pneumatically operated, height-adjustable clamping system with individual chamber positioning adapters reduces set-up time to a minimum
- Calibration of a measurement chamber of diaphragm gas meters with the lowest possible test volume

## TECHNICAL DATA

### TYPE OF THE TEST FACILITY

Test rig for measuring chambers with individual recording of the test volume of the MuT

### TYPE OF METERS

- Diaphragm measuring unit (standard)
- Other measuring units on request

### DEVICE UNDER TEST

- Up to 2×6 pcs.
- Size G1.6 - G25
- Flow range of 0.01 m<sup>3</sup>/h up to 40 m<sup>3</sup>/h

### MEASURING UNCERTAINTY

- ≤0.30% at Q<sub>min</sub>
- ≤0.25% at 0.2•Q<sub>max</sub> up to Q<sub>max</sub>

### TEST MEDIA

Ambient Air (standard)

### STANDARDS

Sets of critical operated Venturi-nozzles. Suitable to the required test points.

### FEATURES

- Fully automatic process
- Freely definable process sequences
- Visualizing of the state variables
- Certified calculation of errors including the compensation of the state variables
- Output of measuring results to data base or to screen, data backup