

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



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**Test Rigs for
domestic Gas
Meters**



PRODUCT INFORMATION

The inotech test rigs for the calibration of domestic gas meters are designed to meet the highest accuracy together with the shortest calibration time.

At a glance:

- Manufacturer-independent calibration of all types and sizes of domestic gas meters
- Sensors for temperature, pressure, differential pressure and humidity ensure highest possible accuracy during calibration
- The use of sonic nozzles as references guarantees the highest accuracy and the fastest flow control

- inotech meter calibration software provides fully automatic predefinable test sequences
 - During a measuring process you can visualize all process and measuring data as well as an active flow diagram on the screen
 - You can output the test results and the measured values to the screen, to a printer as well as to a date file

The certified error calculation meets the international standards.

TECHNICAL DATA

TYPE OF THE TEST FACILITY

Test rig for domestic gas meters with individual recording of the test volume of the MuT

TYPE OF METERS

- Diaphragm gas meter
- Ultrasonic gas meters
- Single- or double-socket design
- Mechanical or electronical counters

DEVICE UNDER TEST

- Up to 12 pcs.
- Size G1.6 - G25
- Flow range of 0.01 m³/h up to 40 m³/h

MEASURING ACCURACY

- ≤0.30% at Qmin
- ≤0.25% at 0.2 Qmax up to Qmax

TEST MEDIA

- Ambient Air (standard)
- Natural Gas (optional)
- Hydrogen (optional)

STANDARDS

Sets of critical operated Venturi-nozzles. Suitable equipped according 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, to screen or to printer, data backup