

# MIKROMEC®

MEASURING | TESTING | LOGGING



## Testing & Measuring Devices

- ▶ Water pipes
- ▶ Gas pipes
- ▶ District heating pipes
- ▶ Hydrants
- ▶ Sewers

**TECHNETICS**  
DATENLOGGER + MESSTECHNIK GMBH

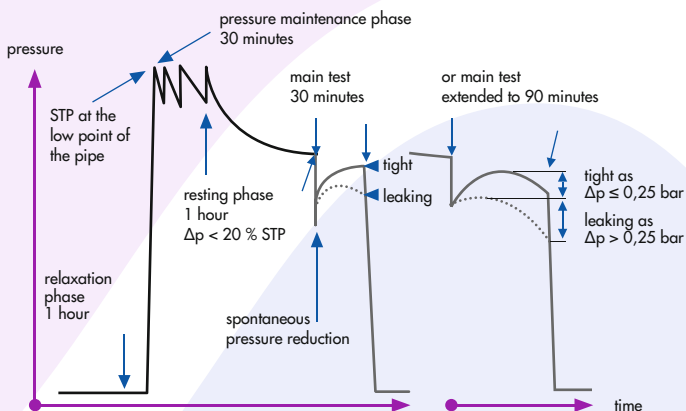
Leak test on water pipes  
in accordance with DVGW W 400-2



► Automatic Tester WATER

according to DVGW W 400-2

## Contraction Procedure



Fully automatic testing of water pipes.

Can also be used manually with genuine two-button operation.

# MIKROMEK®

Leak test on water pipes  
in accordance with DVGW W 400-2



## Measurement setup

according to DVGW W 400-2

# H<sub>2</sub>O

**mikromec®**  
Complete System W 25

**mikromec®**  
Test Kit



testing pump

water tank

printer

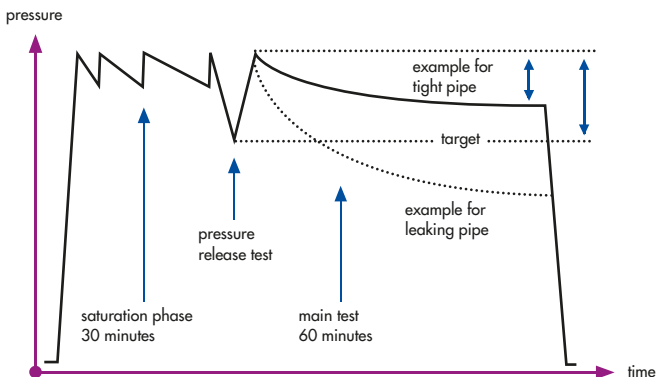
test rig with  
drain meter

water pipe

pipe temperature



## Accelerated Normal Procedure



Do you have any questions about our products?  
We will be happy to be of assistance.

# Leak test on gas pipes in accordance with DVGW G 469

## Measurement setup

according to DVGW G 469

# C3

2x **mikromec**<sup>®</sup>  
Temperature Logger

rod sensor  
(optionally)  
air temperature

**mikromec**<sup>®</sup> Test Kit

**mikromec**<sup>®</sup>  
Pressure Discharge Test

**H2 READY**

hydraulic  
control panel

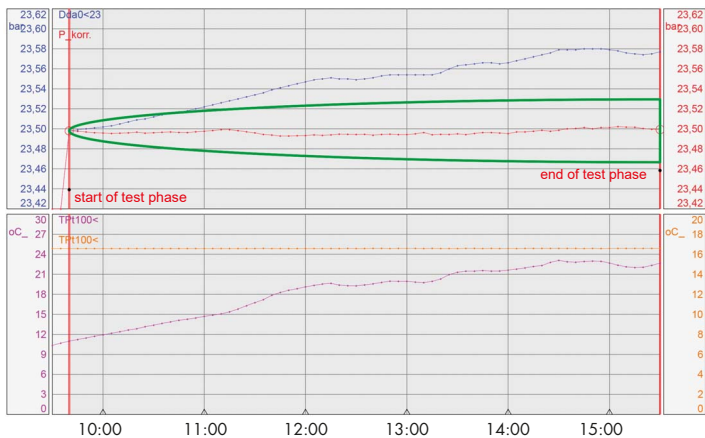
rod sensor ground temperature

pressure port

**gas pipe**

pipe temperature

## Precision Pressure Measurement Procedure



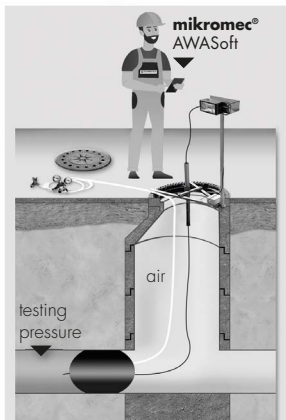
With the **mikromec**<sup>®</sup> app, you can read out and transfer your measurement data quickly, easily and cost-effectively by remote control.

# Leak testing of wastewater pipes and sewers in accordance with DIN EN 1610



## Measurement setup

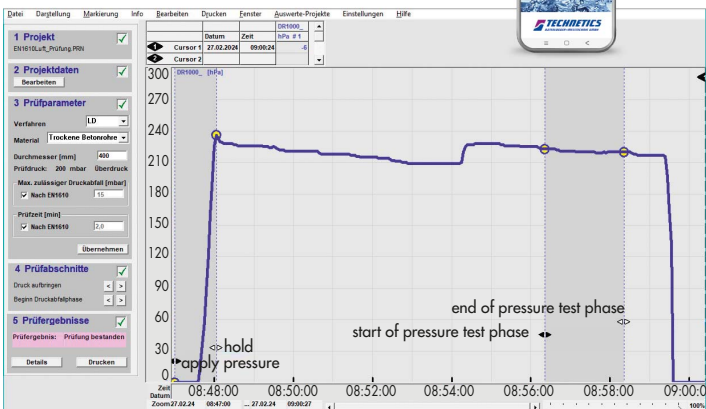
Procedure according to DIN EN 1610 with water or air



mikromec®  
AWASoft



## Procedure with Air



Conveniently operate and log your sewer inspection with **mikromec® AWASoft**.  
The browser-based application works on all cell phone operating systems.

## Leak test on district heating pipes in accordance with AGFW FW 602

### Measurement setup

according to AGFW FW 602

# 8.5

rod sensor (optionally)  
air temperature



**mikromec®**  
Test Kit - Connections

**mikromec®** Test Kit



**mikromec®**  
Pressure Discharge Test



hydraulic control panel



lance sensor floor temperature

supply line

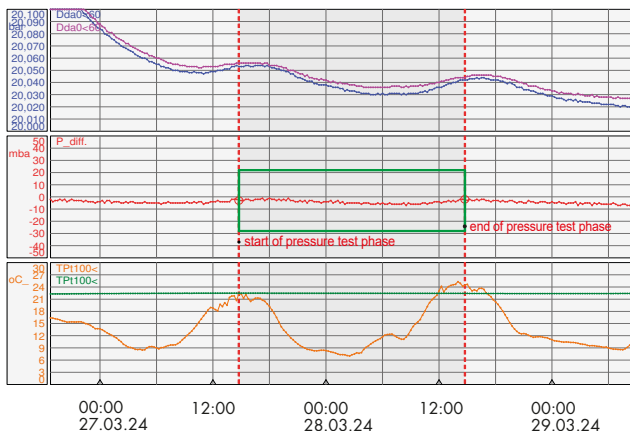
return line

contact sensor  
pipe temperature

pressure port

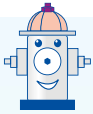
contact sensor  
pipe temperature

## Differential Pressure Method



Test kit with 2 pressure probes for carrying out 2 pressure measurements simultaneously | Connection options for up to 4 temperature probes

# MIKROMEK® Hydrant Testing System for testing the performance according to DIN 3222/DVGW TR W 331

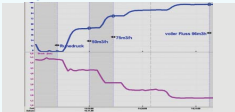


with **mikromec**® Data Logger

Flushing Cloth



MMgrafix Evaluation Software



Measurement



Training courses according to regulations  
DVGW | AGFW | ÖVGW | SVGW



Well-trained employees support your company's success.

Promote your employees, colleagues and yourself by providing them with practical qualifications that comply with regulations.

In addition to our seminars, we are also available all year round for practical training at your premises or on the construction site.

We can also provide training on suitable topics by telephone or video conference.

We would be happy to discuss your individual training requirements and the respective options for conducting training with you by telephone.

Simply give us a call, free of charge and without obligation:

+49 (0)761 / 45219-0

## MIKROMECC<sup>®</sup> App

Read out and transfer measurement data quickly, easily and cost-effectively by remote control.



### ■ Compatible with all mikromec<sup>®</sup> systems (from model year 2006)

- Remote control of the testing device
- Read out the measurement data and send by e-mail as well as import data into the MMgrafix evaluation software.
- Combine GPS coordinates and photo of the measurement setup with measurement data.
- Available in Google Play Store.

## MMgrafix Evaluation Software

Analysing, logging and archiving measurement data



### ■ Software for all mikromec<sup>®</sup> systems

- For all Windows<sup>®</sup> interfaces
- Remote control of the mikromec<sup>®</sup> test device via IoT (Grade SIM), radio modem, Bluetooth<sup>®</sup>, etc.
- Logging with measurement charts and project data.
- Testing of gas pipes in accordance with DVGW G 469, SVGW G2, ÖVGW G E101
- Testing of water pipes in accordance with DVGW W 400-2, ÖVGW W-101, SVGW W4, EN 805
- Testing of sewage pipes and sewer shafts in accordance with DIN EN 1610
- Testing of district heating pipes in accordance with AGFW FW 602
- Evaluation of performance measurements on hydrants.

## Data transfer

To transmit your measurement data, select the option that suits your needs, such as IoT (Grade SIM), wireless modem, Bluetooth<sup>®</sup>, etc.

