



# Leak detection systems Kampac & Premus

Pressure System

***rausch***



Our leak detection systems are designed in compliance with national and international requirements. Depending on your needs, we offer both stand-alone units and a mobile version. We also provide you with complete built-in versions in combi-

nation with the TV inspection systems RCA proline or ECO-STAR 400.

The control, monitoring, evaluation and documentation of all testing procedures is provided by our proprietary PipeCommander software.

### Kampac II / M

Single joint testing applicable from 200 – 600 mm consisting of a pressure test packer (Patented under number DE 19740276). For the exact positioning of the packer, a pan and tilt camera is integrated. Through the glass with a length of 100 mm or 200 mm, a 360° view is possible. The test can be carried out either with air or water. Fast depressurization of the packer at the control block. The two bubbles of the packer can be independently pressurized. Variable packer pressure of 1.5 bar – 4.5 bar Test pressure selectable up to 500 mbar



### Vario-Kampac II / M

Adjustable system for testing joints, pipe sections, branches or laterals. Application from 200-600 mm. The test packer sections are connected via a telescopic rod to allow varying the test length. Between the packer a pan & tilt camera allows to position the packer. With the infed unit of the M-series, the bubble can be positioned in the house connection and pushed up to 7 m into the lateral for testing these sections.

Packer with integrated camera 100 mm – 200 mm





**Premus 600**

Build in system for water /air pressure tests of main lines from 70 - 2000 mm with separate crane to lower the test plugs and bubbles into the manhole. Rear room with stainless steel walls and corrugated aluminium flooring, aluminium profile racks, water tank, vacuum pump and generator.



**Premus MH**

Portable system to test manholes and to test up to 3 light fluid separators at the same time

**Separator Test**

A high precision pressure test can be achieved with a temperature compensating pressure sensor (0 – 40 mbar) in accordance to DIN 1999-100. The measurement accuracy (10 hours) is m 0,1 mm. LGA test certificate BMW 0420285-01.



**Premus 150**

Portable system to test manholes and lines as well as up to 3 light fluid separators at the same time (water test). Separator test equivalent to Premus MH line tests up to 300 mm with air (up to 350 mbar)

Optional: Water and air test up to 500 mbar



**Pipe Commander Pressuere Test**

All tests for lines, joints, manholes and separators are controlled by the data acquisition software Pipe-Commander. The common test media are air, water and vacuum. All these procedures according to the common norms (i.e. EN 1610, DIN 1999-100) automatically calculating important default values such as test time or tolerances. The test results can be issued via a report generator.

**Application:  
Kampac II-M / Vario-Kampac II / M / Premus**

Testing of	with
• Joints	• Air or water
• Lines	• Air, water or vacuum
• Manholes	• Water or vacuum
• Separators	• Water
• Laterals and sections	• Air or water
• Laterals from within the mainline	• Air
• Laterals from inspection chamber	• Air or water

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