

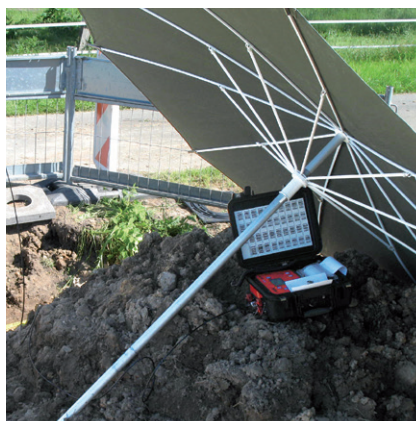
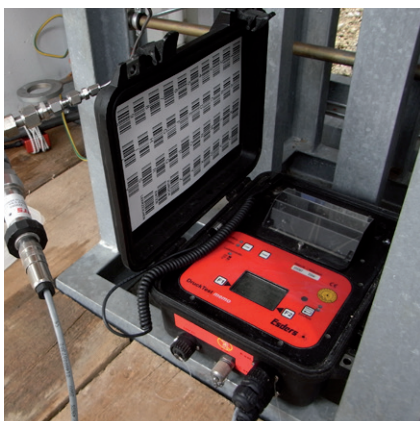
# DruckTest memo

Electronic pressure measurement box for pressure tests to gas and water pipes with expanded functionality



- Very high measurement accuracy and display resolution
- Water pressure tests according EN 805 and national technical rules
- Simple access to various pressure tests from the device menu
- Automatic evaluation right on-site
- Built-in printer for direct pressure trend display in a freely adjustable pressure range for optimal illustration
- Gas pressure tests according to German and Dutch national rules

## PICTURES OF APPLICATION



# DruckTest memo

Pressure tests are a must for inspecting pipelines. The DruckTest memo offers you excellent technology in a practise-orientated performance.

- Save data in the flash memory (no loss of data, even if the battery is completely discharged)
- Record up to 1 million measurement values (pressure and temperature)
- Programme-controlled activation and deactivation of the printer
- Up to 30 freely configurable pressure tests to be filed in the device menu
- The DruckTest memo can be optionally equipped for the connection of external digital pressure sensors, thus considerably expanding its range of application.
- For pressure tests at gas pipes a automatic temperature compensation can be activated
- Each test can consist out of programmable pre test period and a main test period.

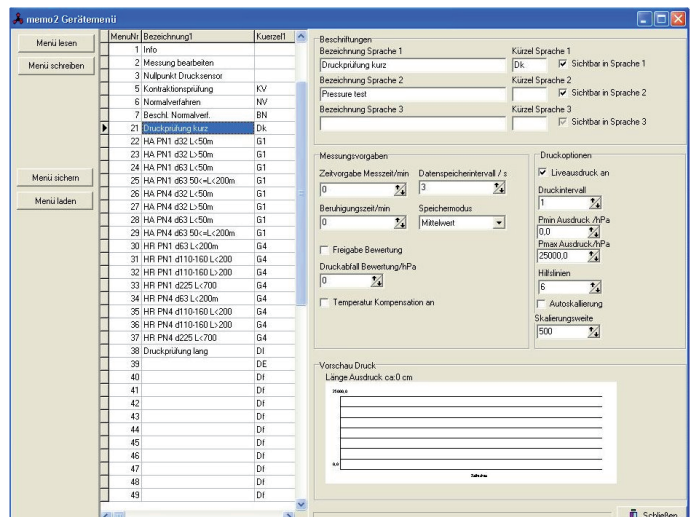
The electronic pressure sensor enables significantly higher display resolutions as a micrometer pressure gauge or a barograph. Thus, you will also recognise small pressure drops faster and can save valuable time



In order to get the advantages of a conventional barograph, a printer with a 112mm paper width is integrated into the box, which makes the current pressure trend recognisable in the form of a pressure curve. The illustrated pressure range can be freely selected, e.g. illustration from 5 to 7 bar. The measurement values can be recorded in a timecontrolled manner (e.g. every minute).

30 freely configurable pressure tests can be filed in the menu along with the given items set in the menu. This variety enables you to take the varying requirements of different clients into consideration.

The on-site technician does not need to carry out installation or programming work. He selects only the suitable pressure test and the measurement range, the pressure interval, the duration of the pressure test and the illustration on the protocol printer are automatically adjusted. Likewise, a tolerated pressure drop can be given for every pressure inspection, so that an automatic evaluation of the measurement can take place right on site

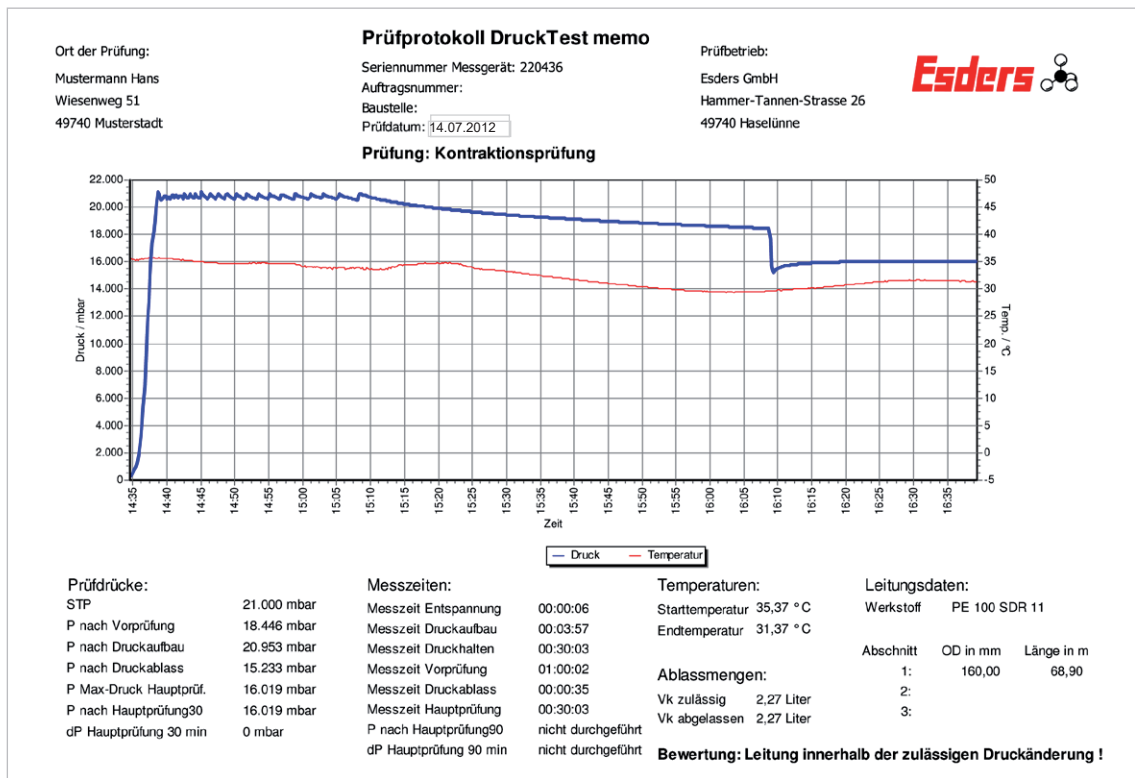


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With the optional barcode reader pen, two entries are possible for each measurement. For example, the test's order no. or object no. can appear in the printout and be saved in the software. Prepared barcodes or individual figures and characters can be memorised for this purpose. As the data are also stored in the memory, the measurements are permanently documented in the PC. The easy-to-use PC software stores all measurement data in a database. Numerous free fields enable the precise identification and explanation of the measurement, as well as recording further data.

## DruckTest memo version EN 805

standard function of the execution W400	
Integrated, complete sequencing of tests for	
• Contraction test	• Standard procedure • Accelerat. procedure
Input of material, size and lengths up to 3 line sections possible	
Automatic calculation and display of test pressures, Vk-values, deliverables pressure drop etc.	
Monitoring of test pressure, pressure drop, etc., with audible and visual alarms when deviations from the tolerance range	
Input and printout of all test-relevant data allows direct assessment and documentation	
The unit is prepared for connecting external digital pressure sensors	



Device Type	DruckTest memo 0–10bar	DruckTest memo 0–25bar
Measurement range of internal pressure sensor	0–10 bar	0–25 bar
Resolution/Presentation	2 mbar standard	2 mbar standard EN 805: 5mbar / 10mbar
Socket external pressure sensor	serial	serial
Water pressure tests according EN 805 and national technical rules		
Gas pressure tests according to German and Dutch national rules		
Internal temperature sensor with a resolution of 0.1 °C	serial	serial
External temperature sensor with a resolution of 0.01 °C	optional	optional

## EXTERNAL DIGITAL PRESSURE SENSORS

As an option, the standard system can get the possibility to connect external digital pressure sensors to it. The DruckTest memo automatically recognises the measurement area and is optimal for installing further function fields. The external digital sensors are available at 0.05 % or 0.01 % measurement accuracies based on the measurement range's final value



Pressure measurement ranges:	Resolution	Maximum pressure
0 to 1 bar	0,1 mbar resolution	max. pressure 2 bar
0 to 15 bar	1 mbar resolution	max. pressure 30 bar
0 to 30 bar	1 mbar resolution	max. pressure 60 bar
0 to 100 bar	4 mbar resolution	max. pressure 200 bar
0 to 300 bar	10 mbar resolution	max. pressure 400 bar

## TECHNICAL DATA

Display	LCD graphic display 128 x 64 pixels
Interface	Infrared
Measurement error	< 0,1 % from final value
Memory	1 million measurement values
Protection type	IP 67
Battery	lead
Battery-capacity	> 140 h printer off, without backlight* > 35 h printer on
Temp. range	-10 °C to + 45 °C
Dimensions	365 x 295 x 150 mm
Weight	approx. 5.900 g

\*The operating time depends on the ambient temperature and type of sensors, which are connected.

Technical specifications subject to change! Status 2020/06



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