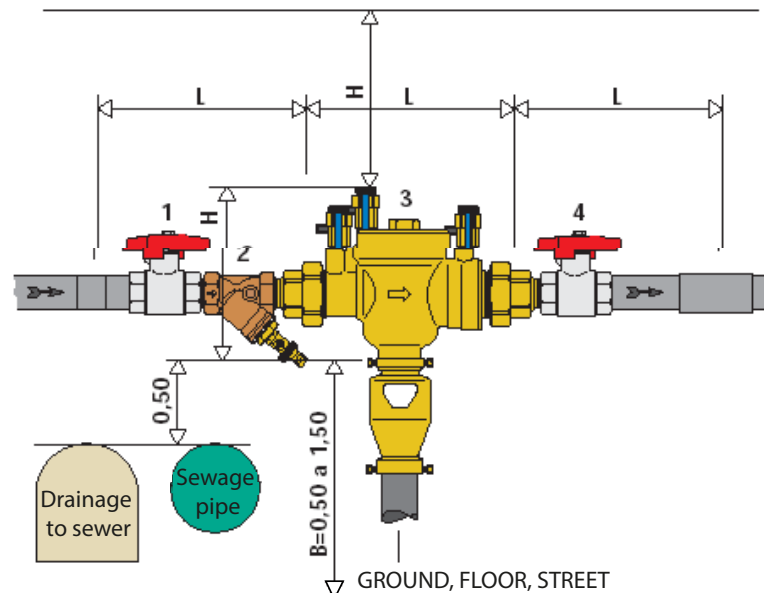


# „TEST DEVICE SYSTEM DISCONNECTOR“ FOR SYSTEM DISCONNECTOR TYPE BA IN BUILDING SERVICES

Testing device for testing the function of backflow preventer type BA

## UWS L-BOXX PST



## Protection of drinking water for non-potable water

**Test device backflow preventer** is a test device developed by UWS Technologie GmbH, which enables the annual maintenance of the functionality of backflow preventer series type BA quickly, safely and easily according to the two sets of rules of the European standardisation (DIN EN 806 / DIN EN 1717) and the national supplementary standard DIN 1988 part 100. The test is carried out in accordance with DVGW recommendation twin 02 in order to guarantee the function of these safety valves at all times.

**The regulations define all connections to the drinking water installation as permanent. The term „short-term connection“ as used for filling the heating system by hose is no longer used.**

During filling, it must be ensured that no liquids that pose a risk to human health as carriers of one or more toxic substances are sucked or pressed back into the drinking water system.

The „**System Disconnector Test Device**“ can be used for all common system disconnectors type BA in drinking water installations up to a network pressure of 7 bar. For the test socket connections of the different manufacturers the tester is equipped with the appropriate connecting parts.

## Your advantages

- High precision differential pressure gauge with a resolution of 5 mbar for detection of the required release pressure of > 140 mbar.
- Complete unit with fine control valve for checking the start of opening and closing the relief valve of the safety fitting.
- Self-closing quick-action plugs for the connection of the test hoses allow the simple and fast execution of the test.
- Overpressure-safe differential pressure measuring chamber up to 7 bar on the plus and minus side of the device.
- Documentation template for the test report as printed and digital template - on request with company imprint available.
- Connecting parts for the testing of different manufacturers of safety fittings in the usual sizes in self-sealing design available in the testing device.
- Detailed operating instructions with argumentation notes for the end customer on the necessity of the annual function and maintenance check.



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## Technical data

Differential pressure measuring instrument

Visual	Digital display of differential pressure, selectable in mbar, PSI, mH2O, mmHG und cmH2O
RS 232	available, optional cable and software tool
Automatic switch-off	The measuring instrument has an automatic switch-off to save the battery (at 10 minutes without operation). The function is deactivated as soon as the device shows „Rec.“ in the display for continuous measurement.
Battery replacement	Change the 9 V block battery when the battery symbol LBT appears on the left side of the display.

Features Differential pressure measuring instrument

Physical - Electrical		Hydraulic	
Pressure area	0 to 7000 mbar - Resolution 6 mbar	Valve control	1 x Fine control valve 3 x Shut-off valves
Supply	1 x 9 V-block battery PP3 IP52	Connections measuring instrument	1x Quick coupling for plus-minus pressure task
Environment	0 to 35 °C, no condensation	Connections system separator	2x Measuring hoses with self-closing couplings on both sides. Length approx. 1.5 m
Storage	0 to 35 °C		
Accuracy	+/- 2% over the full range repeatability: +/- 1%	Connections Function execution	2x Measuring hoses with self-closing coupling on one side. Length approx. 0.2 m
Measuring sequence	0.8 sec	Internal piping	YES - ready for operation
Min/Max-Peak-Hold-Function	YES	Complete-housing	In practical L-Boxx with handle

Features Testing device

## Dimensions - Options

Measuring instrument	180 x 72 x 32 mm
Testing device, System disconnecter Version L-Boxx	ca. 350 x 440 x 240 mm ( B x L x H ) on demand
Spare batteries	1 x 9 V-block battery PP3 included
Carton packaging	YES
Total weight	4.85 kg

## Testing device Version L-Boxx

