

DiMeS™

Compact and flexible tightness measurement



The modular tightness measurement technology – suitable for all requirements

As a full-range supplier of automation and test technology, at BDG we have a great deal of experience in all test methods and can meet our customers' exact requirements. For tightness measurements, we have developed DiMeS™, a system which can be used cost-effectively in different versions.

DiMeS™ measures in accordance with the principle of pressure decrease, using the differential pressure method. This enables it to measure pressure ranges from 1 to 20 bar. The low internal volume enables quick, precise measurements and short cycle times. The 10"-wide touch screen allows results to be displayed in graphical format and enables the user to easily manage data. The test results can be stored in a range of formats on company networks. As a stand-alone solution or as a test module within a large automation plant – the compact dimensions of the DiMeS™ in its standard housing, measuring 19 inches, make it ideal in both cases. The DiMeS™ can also be configured modularly using standardised assemblies. This creates a cost-effective solution for any test requirements.

Features

- Flexible use thanks to modular configuration
- High test speed due to optimised measuring modules
- Pressure ranges 1/10/20 bar
- Two measuring circuits possible as an option
- Differential pressure sensor resistant to overpressure
- 10"-wide touch screen
- Easy to integrate into existing networks due to open PC system
- Additional inputs/outputs can be controlled using the device
- Multilingual output
- User/order management with simple assignment of rights
- Graphical user interface with real-time evaluations

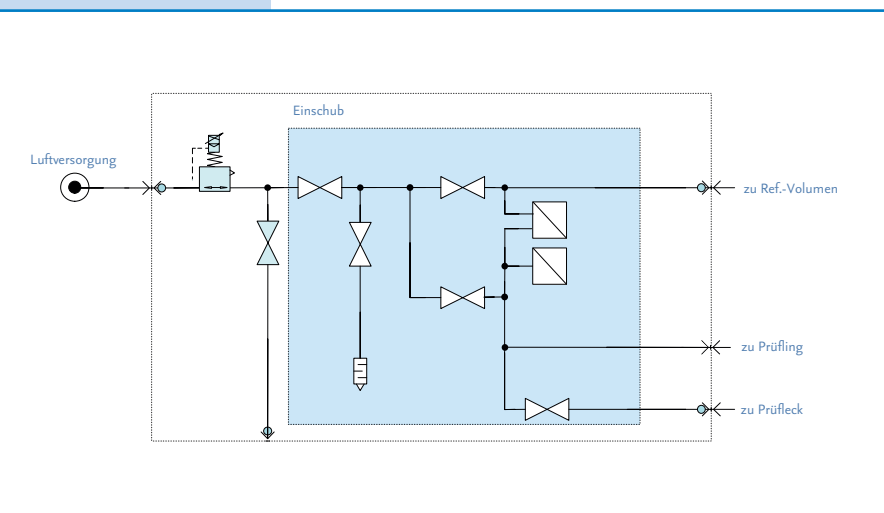
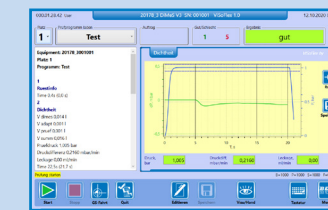


Diagram of the tightness measurement system



DiMeS™ in use as a control and test unit

Flexible ViSoFlex software



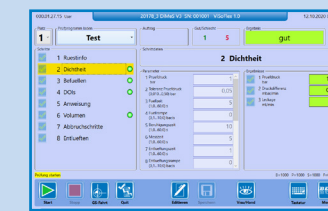
Graphical user interface with real-time evaluations



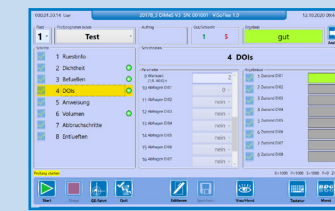
Multilingual output (other languages possible)



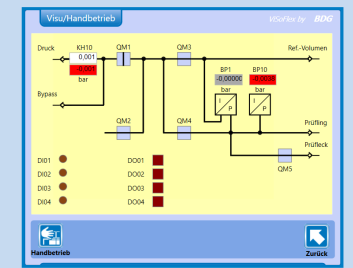
User/order management with simple assignment of rights



Simple generation of software step chains



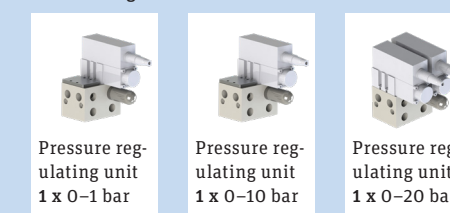
Additional inputs/outputs can be controlled using the device



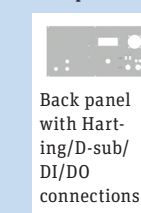
Manual operation screen for test purposes

Flexible use thanks to modular configuration of the hardware

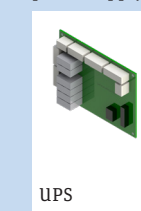
Pressure regulator versions



Back panel with plug versions



Uninterruptible power supply

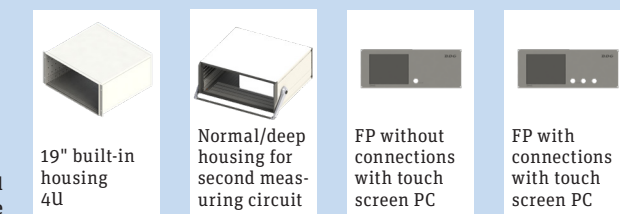


First measuring circuit Option: Second measuring circuit

Measuring blocks



Built into the plant or used as a stand-alone device



Interplay of passion and precision



BDG develops and constructs innovative automation and test systems with a modular design. This also includes expert support and advice as well as a wide range of services. Automation and test systems are more than our profession – they're our vocation: Our products are the result of our many years of experience and the expertise of our employees, as well as our passion and enthusiasm for our work.

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BDG

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