



## Leakage, Flow, Sealing

### Light, portable, compact and extremely accurate

Our universal LDD test device is designed to reliably and accurately check your leakage test systems, and can also act as a precise leakage simulator. Reliably check and calibrate your leak testers by simulating even smallest leaks. This LDD universal test device combines simple intuitive operation with small size, full portability, with high accuracy and reliability. The universal test device is suitable for use in all commercial and industrial environments, and accurately simulates leaks regardless of pressure and temperature variations.

### Benefits

- Can be used as a leakage calibrator or for leakage simulation
- Flow measurement is independent of pressure and temperature
- Can be combined with all common leak testers
- Suitable for overpressure and vacuum applications -0.8 to 10 bar

Suitable for any form of connection coupling, numerous options available

- System leakage rate  $1 \times 10^{-6}$  mbar l/s He
- Touch screen (56 x 28 mm) with backlight
- Precision control valve
- Battery or Mico USB power supply
- Variable display orientation allows operation in any position
- Password protected operator menu

### Highlights

- High measuring accuracy for consistent repeatability
- Touchscreen display
- Compact design
- Battery or Mico USB power supply
- Intuitive to use
- Direct connection to leak-test via coupling

### Display

- Automatic display orientation
- Choice of flow units such as standard, norm and any other units

### Applications



Automotive industry



Drive engineering



Consumer goods



Energy



HWAC/R



Medicine



Safety



Transport

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We control GASES - since 1978



# Leak Simulator LDD



## Gas mixers from HTK

### That's why our gas mixing systems are so convincing

Gas mixers from HTK Hamburg are designed to be extremely robust and durable. Due to the selection of high-grade materials for processing, the in-house production of the components using a simple modular assembly system, our gas mixers offer added value in production and increase the consistency and quality of your processes.

- Very precise & fast control
- All components in a modular system
- High reproducibility
- Calibration with real gas
- Several gases per unit
- Large savings potential for mixed gases
- Temperature and pressure independent
- Easy to maintain and service
- 3 year warranty



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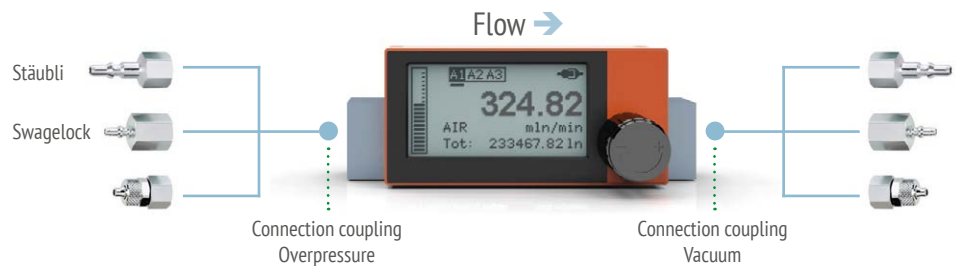
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Technical Data	
Housing (WxHxD)	114 x 43,3 x 67,8 mm
Weight	0,4 kg
Power supply	AA Battery or via Mirco USB (incl.)
Protection class	IP50
Test Medium	Air, N2, Other gases on request
Operating temperature range	0-50° C
Humidity	0-95% rf, non-condensing

Models	LDD 50	LDD 500
Measuring range	0,6-50 cc/min	6-500 cc/min
Accuracy	± 1,0 % of MbE*1)	± 1,0 % of MbE*1)

\*1) MbE = Measuring range end value  
Other measuring ranges on request



For more information on our MFCs and our MFC gas mixers, please visit:

[www.htk-hamburg.com](http://www.htk-hamburg.com)

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