

# Automatic Dry Air Leak Testing

## JWF Leak Test Panels Series 100



**AGT**

Absolute  
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## Advanced Leak Testing Technology:

### JWF Leak Test Panels Series 100

#### Proven Low Cost Pressure Decay Leak Test Systems for High-Volume Production and Quality Assurance

##### JWF Leak Test Panels Series 100

- Automatic test sequence
- Automatic data processing by microprocessor
- Programming of all test parameters
  - Dynamic display of the test results
- Operator menu on front panel display

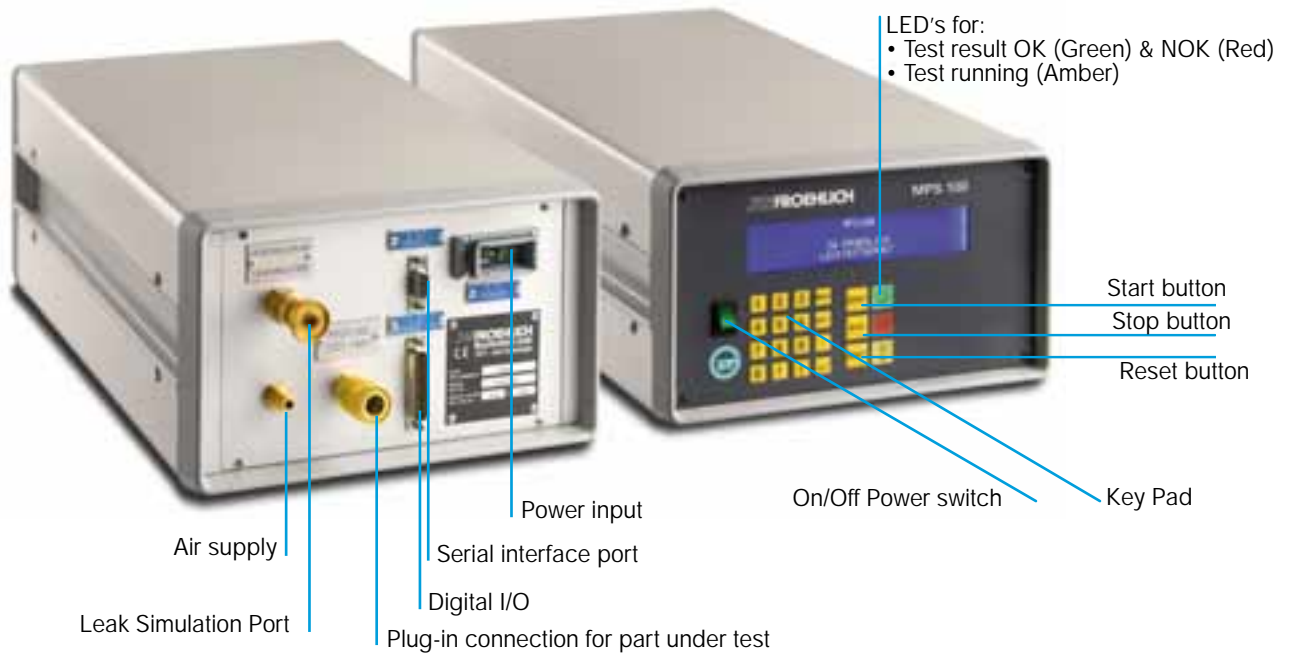
##### JWF Leak Test Panel MPS 100 Relative Pressure Measurement

- Test methods:
  - Pressure decay or rise
  - Over-pressure (burst) or vacuum
- Resolution: from 1 Pa (0.000015 psi)

##### JWF Leak Test Panel MPS 150 Differential Pressure Measurement

- The transmitter isolation valve is automatically monitored for the proper closure during the test phase
- Resolution: from 0.1 Pa





## Technical Data

- Quick and easy configuration via menu structure
- Data storage for up to 500 test results
- Statistical analysis of the test results
  - Standard deviation
  - Mean value
- Number of test programs: 32, fully programmable
- Communication ports:
  - 1 x RS 232
  - Digital inputs, 24V DC (10 max.)
  - Digital outputs, dry contacts (6 max.)
- Online connection to a remote JWF Leak Calibrator
- Programmable test pressure / regulator
- Automatic self test
- Steel housing
- Dimensions: approx. 150 x 260 x 400 mm
- Weight: approx. 10 kg
- Electrical supply: 24 VDC, 2.5 A
- Pneumatic supply: Air
  - 7.5 to 15 psi above fill pressure set point
  - Oil and water free in accordance to DIN ISO 8573-1 class 3

### Optional

- Air filtration unit (delivered as an external item)
- Power supply unit for electrical connection to 110/230V 50/60 cycles (delivered as an external item)
- Temperature compensation
- Selectable languages, English, French, Spanish, German

### Accessory, Optional

- Leak Calibrator LK 20 / LK 1000
- Calibrated leaks



*Handle included in standard scope of supply*



# JWF Leak Testers

## JWF Leak Test Panels Series 400

- 4 different test methods
- Windows user interface for setup and operation
- 15 inch Touch Screen Monitor
- On-line display of the test sequence
- Instruction manual and help screen on the front display
- Data Storage Module for
  - up to 100,000 test results
  - up to 5,000 measurement signal curves
- Statistical Analysis of the test results
- Number of measurement channels: 1 to max. 12 per housing
- Number of test programs: 32 for each measurement channel, fully programmable
- Communication ports:
  - Front panel 1 x serial connector
  - 1 x USB connector
  - Rear panel 1 x Profibus (or optional Digital I/O)
- Programmable Test Pressure and Regulator
- On-line connection to a remote JWF Leak Calibrator



## JWF Leak Test Panels Series 200

- 3 different test methods
- Windows user interface for setup and operation
- 6.5 inch Colour Display
- Front Panel Navigation Dial for quick and easy configuration
- On-line display of the test sequence
- Instruction Manual and Help Index available on Front Display
- Data Storage Module for up to 10,000 test results and 500 measurement signal curves
- Statistical Analysis of the test results
- Number of test programs: 32, fully programmable
- Communication ports
  - Front panel 1 x RS-232
  - 1 x USB
  - Rear panel Digital Inputs/Outputs
- Programmable Test Pressure and Regulator
- Automatic self test
- On-line connection to a remote JWF Leak Calibrator

## JWF Leak Calibrator

- For check and adjustment of Leak Test Panels
- Precise, quick and easy, handheld
- Battery operated
- Direct Display of the leak rate in Std cm<sup>3</sup>/min
- Overpressure and vacuum



**JWF**FROEHLICH



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