

Automatic Dry Air Leak Testing

JWF Leak Test Panels Series 200



Advanced Leak Testing Technology:

JWF Leak Test Panels Series 200

Proven Leak and Flow Test Systems for High-Volume Production and Quality Assurance

JWF Leak Test Panel MPS 200 Relative Pressure Measurement

- Test methods:
 - Pressure Decay or Rise
 - Over-pressure (burst) or Vacuum
- Resolution: from 1 Pa (0.00015 psi)

JWF Leak Test Panel MPS 250 Differential Pressure Measurement

- Test methods:
 - Pressure Decay or Rise
 - Over-pressure (burst) or Vacuum
- Resolution: from 0.1 Pa (0.000015 psi)

JWF Leak Test Panel MFL 200 Mass Flow Measurement

- Using the Zero Resistance JWF Mass Flow Sensor
- The measurement signal is insensitive of atmospheric pressure and temperature
- The measurement signal directly corresponds to the leaking air flow
- Well suited for large volume components
- Resolution: from 0.01 std. cm³/min





Technical Data

- Windows user interface
- 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
 - 1,000 test results
 - 500 measurement signal curves
- Statistical Analysis of the test results
 - mean value, standard deviation, trend analysis
 - quality control chart
 - normal curve of distribution
- Number of test programmes: 32, fully programmable
- Communication ports
 - Front panel
 - 1 x RS-232
 - 1 x USB
 - Rear panel
 - Digital Inputs, 24 Vdc (10 max.)
 - Digital Outputs, max. Dry Contacts (6 max.)
 - 1 x Profibus (optional)
 - 1 x Ethernet (optional)
- On-line connection to a remote JWF Leak Calibrator. The amplification factor of the leak test panel is automatically adjusted according to the leak rate value of the Leak Calibrator.
- Programmable Test Pressure
- Automatic self test
- Lockable Front Plexiglas Door
- Steel cabinet 19" - 3 HE, protection class IP 54
- Dimensions: 540 x 220 x 390 mm
- Weight: approx. 16 kg
- Electrical supply: 24 VDC, 5 A
- Pneumatical supply: Air
 - 7.5 to 15 psi above Fill Pressure setting
 - Oil and Water free in accordance to DIN ISO 8573-1 class 3

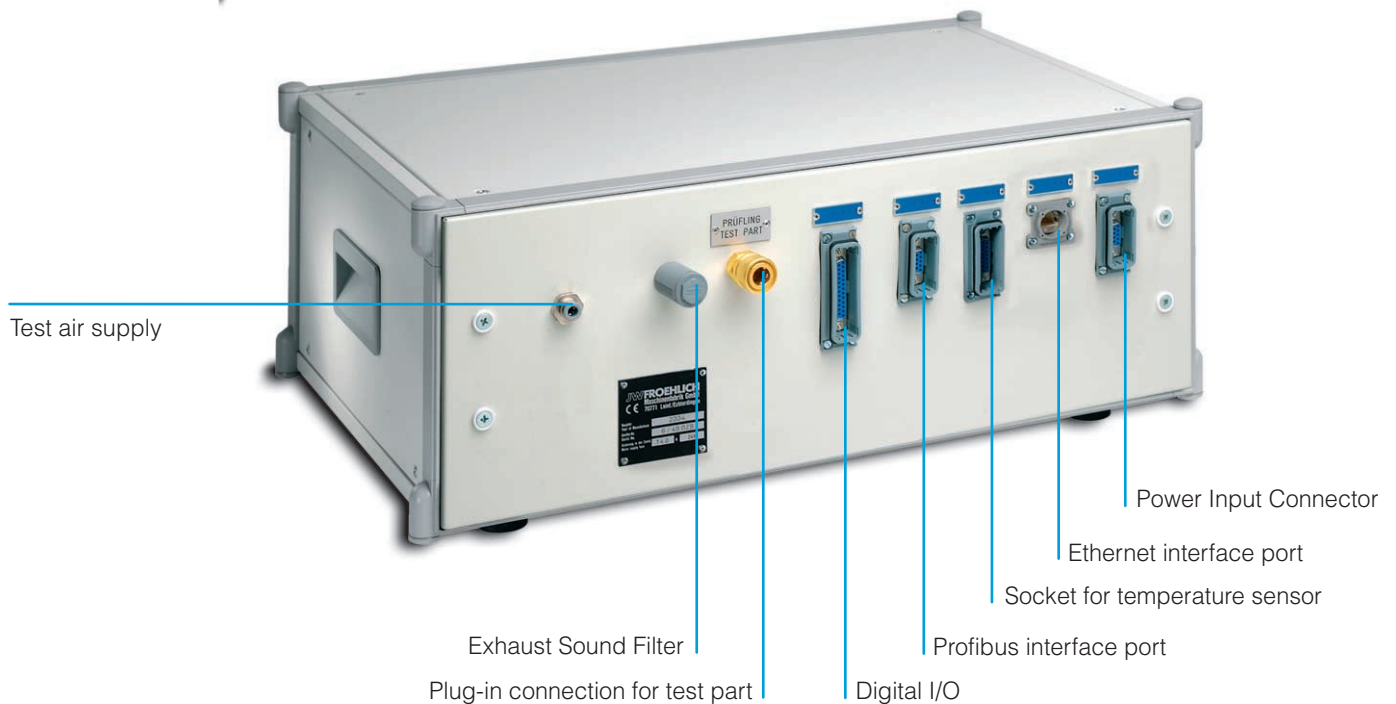
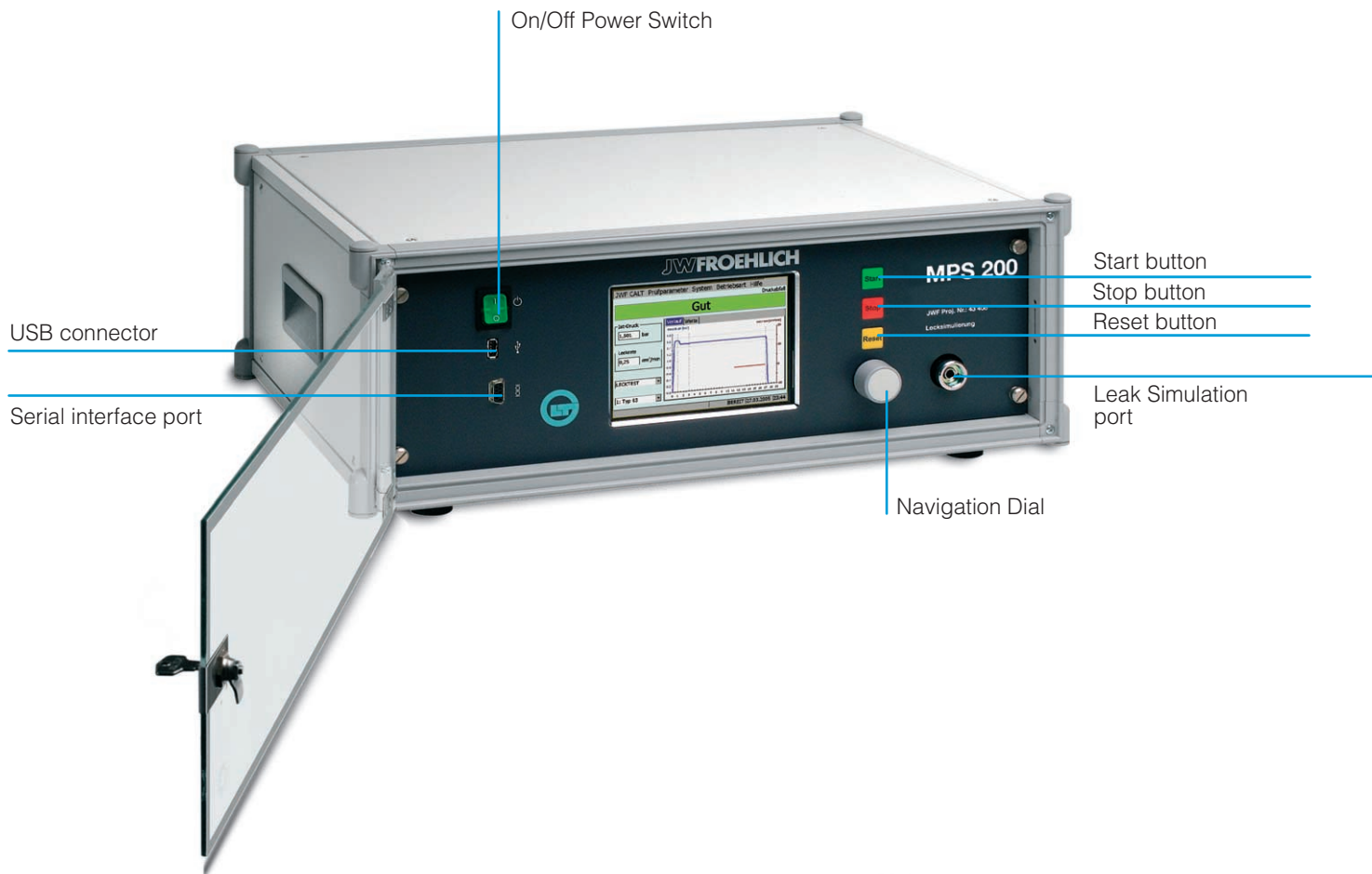
Optional

- Air Filtration Unit incl. dirt and water trap, pressure regulator and pressure gauge (delivered as loose item)
- Power Supply Unit for electrical connection to 110/230 V, 50/60 cycles (delivered as loose item)
- Temperature Compensation
- Selectable Languages
- Tele-Service (Remote Communication)

Accessory

- Leak Calibrator LK 20 / LK 1000
- Calibrated leaks





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