

WPM TESTING CYLINDERS

Applications

For execution of static and dynamic strength tests by samples and components with different form and different materials.

Models

1. Stand model range hydraulic testing cylinder from 6 to 2000 kN
2. Model range pneumatic testing cylinder from 100 N to 25 kN
3. Model range aerostatic testing cylinder from 2 kN to 5 kN

Characteristics

- **The hydraulic testing cylinders (pressure ranges 210 or 280 bar) are equipped with:**
 - Hydrostatic support for power intake
 - Sealed gasket of the plunger
 - Inductive or incremental displacement transducer
 - Connection block for different servo-valve
 - Pressure accumulator and flushing plate



Servo-pneumatic diaphragm cylinder

- Works without friction
- For load frequency till 50 Hz
- Model range 2, 5, 10 and 25 kN
- Stroke +- 2.5 or 5 mm
- Height 52 or 95 mm
- Diameter 200, 294 or 380 m



Aerostatic pneumatic test cylinder

- Works with air-cushioned support
- For large range of load frequencies applicable
- For test loads from 2 or 5 kN during 6 bar
- Stroke +- 20 or 150 mm
- Diameter 160 mm



Load producer type "Pneumatic Muscles"

- For nonstandard load cases
- To apply static preloads
- For test load till 6 kN
- Combination feasibility of 1–6 pieces



WPM Werkstoffprüfsysteme
Leipzig GmbH

Gewerbegebiet Wachau
Nordstraße 15
04416 Markkleeberg
Germany

Phone: +49 (0) 3 42 97 14 35 - 0
Fax: +49 (0) 3 42 97 14 35 - 10

Email: info@wpm-leipzig.de
Internet: www.wpm-leipzig.de

