

**barotec**  
KALIBRIERTECHNIK



# Dead Weight Tester PD 2500

**When precision matters**

## Application

- ◆ High-precision primary standard (comparison standard) for pressure ranges 25 to 2500 bar
- ◆ Reference device for calibration services, gauging offices and laboratories
- ◆ Suitable for testing, adjusting and calibrating pressure measuring instruments without using an external reference device

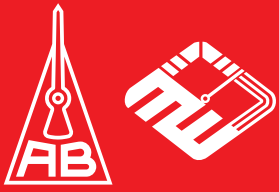
**Our  
Highlights !**

- ◆ Measurement uncertainties:  
0.02 % (with factory calibration MANOTHERM)  
0.01 % (with DAkkS calibration)
- ◆ High-precision **tungsten carbide** piston/cylinder pair
- ◆ Measuring and guiding system easily accessible and **demountable**
- ◆ Guiding system **maintenance-free**
- ◆ **Facilitated readability** of the measuring position due to coloured marking on the guiding piston

Version 05/17

FLK\_7\_001





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New  
Design!

# Dead Weight Tester PD 1

The mobile one

## Application

- ◆ High-precision primary standard (comparison standard) for pressure ranges 0.03 to 1 bar
- ◆ Reference device for calibration services, gauging offices and laboratories
- ◆ Suitable for testing, adjusting and calibrating pressure measuring instruments, e.g. for blood pressure meters, without using an external reference device
- ◆ Suitable for on-site use

Our  
Highlights!

- ◆ Measurement uncertainties:  
0.05 % or 0.02 % (with factory calibration MANOTHERM)  
0.01 % (with DAkkS calibration)
- ◆ Mechanical admission pressure indication
- ◆ Position indication for adjusting mechanism
- ◆ Integrated compressed air generation
- ◆ Stable connection for test devices with G ½ male left for clamping sleeve
- ◆ Applicable as comparison pump
- ◆ Optionally with extensive adapter set



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