

# Precision Hand Test Pump

Pneumatic version

Pressure ranges  $-0.95 / 0$  bar,  $0 - 40$  bar

**PHP 40**

## Application

The hand test pump PHP 40 generates vacuum of up to  $-0.95$  bar as well as overpressure of up to  $40$  bar for testing, adjusting and calibrating pressure measuring instruments of all kinds.

The hand test pump PHP 40 is equipped with a pump handle system for approximate pressurization. An additional fine adjustment mechanism allows for the precise adjustment of the test pressure.

Due to its low weight and compact design, the hand test pump can be used directly at the test item site.

When using the hand test pump, the connection to a reference gauge (e.g. the digital precision pressure gauge D2, according to data sheet 10221) and to the test item is necessary.

The hand test pump PHP 40 can be applied in the calibration and testing technology as well as in plant and mechanical engineering.



## Standard Version

### Construction Type

Hand pump with pump handle system

### Medium

Air

### Pressure Ranges

Vacuum	$-0.95 / 0$ bar
Overpressure	$0 - 40$ bar

### Connection

Reference: G  $\frac{1}{4}$

Pressure hose: 1 m with cap screw G  $\frac{1}{4}$

### Dimensional Data (H x L x W)

Approx.  $240 \times 170 \times 50$  mm ( $9.45 \times 6.69 \times 1.97$ " )

### Weight

Approx.  $1.1$  kg ( $2.43$  lb)

## Options

- Reference digital precision pressure gauge D2 according to data sheet 10221
- Portable case
- Adapter set chrome-plated brass
- Seal set with PA flat gaskets and O-rings

## Scope of Delivery

- Hand test pump PHP 40
- Pressure hose: supplied screwed onto the hand test pump pressure-resistant, dismounting should thus be avoided
- Operating instructions

## Ordering Information

Please specify in your order:

**Basic model** PHP 40  
**Options** see above

**Example:** PHP 40, reference D2, adapter set