

DEAD WEIGHT CALIBRATOR Mod. HB1/EV

DESCRIPTION

This equipment enables to calibrate a Bourdon tube gauge by applying prefixed pressures. It consists of a piston running inside a cylinder and connected with a pressure gauge. A supporting plate at the top of the piston enables to fit several weights to the system generating prefixed pressure values. The pressure gauge is equipped with a transparent scale which enables to see the inner mechanical components.



TRAINING PROGRAM:

- Operation principles of a Bourdon tube gauge
- Calibration of a Bourdon tube gauge
- Calibration errors

TECHNICAL CHARACTERISTICS:

- Bourdon tube gauge: range 0 - 2.5 bar
- AISI 304 stainless steel piston: 12 mm
- Loads: 1 x 0.5 bar; 1 x 1 bar

Dimensions: 300 × 210 × 300 (h) mm
Weight: 6 kg

REQUIRED

UTILITIES (PROVIDED BY THE CUSTOMER)

- Distilled water to fill the piston

SUPPLIED WITH

THEORETICAL-EXPERIMENTAL
HANDBOOK



OPTIONAL

SPREADSHEET SOFTWARE
For fluid mechanics equipment
Mod. SW-HB1/EV

