

# HM 700.16

## Cutaway models: pressure gauges



### Learning objectives/experiments

- familiarization with the construction and functionality of all parts
- comparison of various working principles

### Specification

- [1] cutaway model of a diaphragm pressure gauge and Bourdon tube pressure gauge
- [2] equipped with flange fittings
- [3] mounted on display panel

### Technical data

Diaphragm pressure gauge

- nominal size: NG100
- accuracy class according to EN 837-1: 1,6
- connection: G1/2"

Bourdon tube pressure gauge

- nominal size: NG160
- accuracy class according to EN 837-1: 1,0
- connection: G1/2"

Measuring ranges

- manometer: 0...10bar

LxWxH: 500x370x400mm

Weight: approx. 12kg

### Scope of delivery

- 1 demonstration panel
- 1 air pump
- 1 description
- 1 sectional view

### Description

#### ■ cutaway models of different pressure gauges

A short description and a sectional view are included.

The cutaway models are actual fittings and components as used in real pipe-work installations, e.g. valves, an orifice plate, a measuring nozzle, shut-off fittings, a safety valve and pumps.

The models are clearly laid out on display panels or base plates.