



Information about product price on demand

Parameters

Quantitative unit

ks

GUNT HM 115

Hydrostatics Trainer offers a comprehensive experimental introduction to hydrostatics, allowing users to explore fundamental principles through various experiments and accessories. The transparent tank enables direct observation of hydrostatic processes.

The system includes a wide range of accessories, such as a compressor for generating positive and negative pressures, a bottom pressure apparatus, and two areometers. It features five key experimental units, covering:

- Measuring buoyancy force
- Hydrostatic pressure in liquids
- Surface tension measurement
- Communicating vessels and capillarity

Additionally, it includes a Pitot tube for total pressure measurement and a static pressure tube. The instrumentation consists of a digital pressure sensor, differential pressure manometer, twin-tube manometers, diaphragm manometer, and Bourdon tube manometer.

Technical Data & Specifications

- **Pump:**
 - Power consumption: 250W
 - Max. flow rate: 9m³/h
 - Max. head: 7.6m
- **Compressor:**
 - Power: 65W
 - Inlet pressure: 240mbar
 - Outlet pressure: 2bar
- **Tanks:**
 - Height: 500mm
 - Diameters: 100mm, 133mm, 200mm
 - Water supply tank: ~50L
- **Areometers:** Two with different measuring ranges

Measuring Ranges

- **Pressure:**
 - 2x -1...1.5bar
- **Differential Pressure:**
 - 0...500mmWC
 - 0...0.25bar
- **Density:**
 - 1x 0.8-1g/cm³
 - 1x 1-1.2g/cm³

Power Supply

- 230V, 50Hz, 1 phase
- 230V, 60Hz, 1 phase
- 120V, 60Hz, 1 phase
- UL/CSA optional

Dimensions & Weight

- **LxWxH:** 1760x820x1940mm
- **Weight:** ~270kg