



BASIC HYDRAULIC BENCH



DL PSL016

The **DL PSL016** is hydraulic equipment suitable to use as a working bench for volumetric flow measurement with tank.

A great variety of didactic devices, in which an input flow needed, can be used by mounting them on the tabletop.

The bench is composed of two volumetric tanks of different sizes to accurately measure high and low flows. The upper reservoir has a 40 liter capacity, and the lower one can hold up to 250 liters.

To precisely measuring flow, the higher tank has a short interval flow meter adjusted to $0 \div 8$ liters and for larger flows of $0 \div 40$ liters it has a longer interval adjustment.

The lower water storage tank is equipped with a lid to prevent the accumulation of dust and particles, thus keeping the water in better condition for a longer period.

TECHNICAL DATA

- **Pump features:**
 - ◆ Maximum head: 24 mWC (meters water column),
 - ◆ Adjustable flow rate: from 20 to 120 l/min,
 - ◆ Operating head range: from 23 to 12 mWC,
 - ◆ Motor power: 0.55 kW (0.75 HP),
 - ◆ Rotation speed: 2900 rpm (50 Hz).



FLUID MECHANICS



- **Tanks:**
 - ◆ Maximum capacity of lower tank: 250 liters,
 - ◆ Level measurement by vertical manometers and calibrated rules in liters.
- **Upper calibration tanks:**
 - ◆ From 0 to 8 liters,
 - ◆ From 0 to 40 liters.
- **Dimensions:**
 - ◆ (WxLxH): 1300 x 850 x 1000 mm.

A Stopwatch is included with the bench.

Requirements:

- Power supply: single-phase from the mains, 50/60 Hz.