

**Product Name :**  
Test Stand for Control Valves

**Product Code :**  
NLAB-ENGINEERINGLB54002



**Description :**

Test Stand for Control Valves

**Technical Specification :**

Specification:

Investigation and testing of control valves.

Water circuit with tank, pump and connections for control valves.

Electromagnetic flow rate sensor.

2 pressure sensors to measure the pressure drop over the control valve.

Gate valve to adjust the flow rate.

Potentiometer to actuate electro-pneumatic valves with a current signal.

Pushbuttons to actuate motorised valves.

Manometer and pressure regulator to adjust the working pressure for electro-pneumatic valves.

Position feedback via current signal (electro-pneumatic valves) or resistance teletransmitter (motorised valves).

#### Technical Data

Tank: approx. 90L.

Max. head: 20m.

Max. flow rate: 4m<sup>3</sup>/h.

Two-stage centrifugal pump.

#### Auxiliary Power

AC: 24V

Air pressure for electro-pneumatic valves : 0...6 bar

#### Signals

DC: 4...20mA

Resistance: 0...1000 Ohm

#### Measuring ranges

Flow rate: 0...5000L/h

Pressure (water): 2x 0...6 bar

Pressure (compressed air): 0...6 bar

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