

**Product Name :**  
Pipe Friction Training Panel

**Product Code :**  
ELABHTOOLSUK440003



## Description :

Pipe Friction Training Panel

## Technical Specification :

This is a self-contained unit for studying the friction loss in pipes, pipe fittings and valves at various flow rates. The unit consists of a pump, a storage tank and a water proof panel on which all friction loss components are arranged.

The loss is measured by differential pressure using manometer and differential pressure gauge.

Pressure tapping is by small ball valves with quick connection.

Portable training panel for investigations on pipes

4 pipe section of the same lengths and different materials as measured objects

Pipe sections can be selected via ball valves

Flow rate can be adjusted via manual valves

Pressure measurement with annular chambers

Pressure measurement with digital differential pressure manometer, battery-operated

Flow rate measurement using Rota meter

Water connections made using quick action hose couplings

Differential pressure unit with bleeder

measuring range: 0..1000mbar

supply: 9V, battery-operated

Rota meter: measuring range: 150...1600ltr/h

Pipe sections: measured length: 1000mm

Pipe section 1: acrylic 20x1.5mm

Pipe section 2: steel 1/2"

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Pipe section 3: copper 18x1mm  
Pipe section 4: copper 15x1mm

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