

Email :
sales@schooleducationalinstruments.com
Phone: +91-0171-2601773

Product Name :
Gear Pump Demonstration Unit

Product Code :
SCHOOL-FUD810017



Description :

Gear Pump Demonstration Unit

Technical Specification :

FEATURES:

A small-scale gear pump demonstration unit, comprising of a water reservoir, pump, control valve, relief valve and interconnecting pipework, all mounted on a stainless steel base

Equipped with electronic measurement sensors for pump head pressure, flow rate and water temperature

Transparent pump head for visibility

Capable of being linked to a PC

Facilities for logging, processing and displaying data graphically

Offers a complete teaching package of coursework and laboratory investigation

Measurement of constant-speed pump performance, including the production of characteristic curves of outlet pressure against: Flow rate, Motor shaft power

Pump speed, Pump efficiency, Volumetric efficiency

Comparison of student calculations with computer results

Supplied with software providing full instructions for setting up, operating, calibrating and performing the teaching exercises.

Max flow rate: 6.5 l/m typical

Motor power rating: 250W, 230 V, 1PH

Max head: 25m

Max pump speed: 1,800rpm

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Website: [www.https://www.schooleducationalinstruments.com/](https://www.schooleducationalinstruments.com/), **Email:** sales@schooleducationalinstruments.com

Address: Ambala Cantt, Haryana, India **Phone:** 91-0171-2643080