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Product Name :
Gear Pump Demonstration Unit

Product Code :
LBNY-0005-103000268



Description :

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

Capable of being linked to a PC (not supplied).

Transparent pump head for visibility

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

Facilities are provided for logging, processing and displaying data graphically. Full theoretical back-up is included together with a student questions and answers session.

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

Technical Specification :

Capabilities of Gear Pump Demonstration Unit

Demonstration of a gear pump in operation.

Measurement of constant-speed pump performance, including the production of characteristic curves of outlet pressure against:

Flow rate

Pump efficiency

Volumetric efficiency

Motor shaft power

Pump speed.



Laboratory Instrument India