

Product Name :
Gear Pump Demonstration Unit

Product Code :
ENGLABINGCAG300017



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



Engineering Lab Equipment India