

**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