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**Product Name :**  
Water Pump Supply Module

**Product Code :**  
LBNY-0005-10300080



#### **Description :**

The Basic Module Water Pumps is part of an equipment series that facilitates the investigation of a wide range of engines and machines. The pumps are installed in the experimental set-up using flexible hoses with rapid action couplings. The flow rate is set on a ball-cock and acquired with a magneto-inductive flowmeter. The sensors for intake and delivery pressure are fitted to the pumps to be investigated. Different water pumps can be operated on the basic module and investigated in respect of their characteristic behaviour. The drive motor for the pump drive is fitted to the Universal Drive and Brake Unit. All sensors are connected to the measuring unit that is part of the basic module. The measured values recorded are displayed on digital displays on this block.

#### **Technical Specification :**

Basic module for the operation of water pumps  
Measuring unit block for the connection of the electronic sensors  
Digital display of the measured values and relaying to PC data acquisition  
Experimental set-up on laboratory trolley  
Copper piping with ball-cock and magneto-inductive flowmeter 25m/h  
Connection to the pumps via flexible hoses with rapid action couplings  
Supply tank made of plastic, 96Ltr

#### **Technical Data:**

Supply tank  
Capacity 96Ltr  
Measuring range  
Measurement of flow rate: 0...25m<sup>3</sup>/h

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Measurement intake pressure: -1...+1bar  
Temperature measurement: 0...100C  
Measurement delivery pressure: 0...6bar  
Dimensions and Weight:  
l x w x h: 1200 x 800 x 1150 mm  
Weight : 80 kg.



**Laboratory Instrument India**