



Email : sales@laboratoryinstrumentindia.com

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...25m³/h

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.



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