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**Product Name :**  
Centrifugal Pump Self Priming

**Product Code :**  
LBNY-0005-12500013



**Description :**

Self-priming pumps are able to suck in and transport air and water. This is possible because of an additional side-channel suction stage that removes the air from the intake line and creates the negative pressure that is needed to suck in the fluid. In contrast to a simple centrifugal pump, they can also be started if there is air in the intake line.

**Learning Objectives And Experiments:**

Determination of the system characteristics and the operating point of the pump  
Checking of the necessary value of the pump  
In combination with recording of pump characteristics  
Determination of the pump efficiency  
Determination of the power requirement and the hydraulic power.

**Technical Specification :**

Pressure sensors at the inlet and outlet of the pump  
Investigation of a self-priming centrifugal pump  
Operation with Supply Unit for Water Pumps  
Powered by Universal Drive and Brake Unit.

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# Laboratory Instrument India

