



Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Pump Characteristics For Parallel And Series Configuration

**Product Code :**  
LBNY-0005-103000179



#### **Description :**

Trainer with 2 centrifugal pumps which are operated in series or parallel configuration  
Electromagnetic flow meter  
Digital displays for power consumption, torque, speed, pressure and flow rate  
Closed water circuit  
Drive motors with adjustable speed  
Inductive speed sensor on the motor  
Motor with pendulum bearing, torque measurement via lever arm and force sensor.

#### **Technical Specification :**

##### **Technical Data:**

2 pumps  
Max. head: 16,9m  
Max. flow rate: 21m/h  
2 drive motors  
Supply tank: 96L  
Power output: 1,1kW  
Speed range: 0...3000min<sup>-1</sup>  
Measuring ranges  
Pressure  
Inlet pump 2: -1...3bar  
Outlet pump 2: 0...6bar  
Inlet pump 1: -1...0,6bar

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Outlet pump 1: 0...2,5bar  
Torque: 2x 0...10Nm  
Power: 2x 2,2kW  
Flow rate: 0...480L/min  
Speed: 2x 0...3000min<sup>-1</sup>.



**Laboratory Instrument India**