



Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Oil Pump Supply Module

**Product Code :**  
LBNY-0005-10300094



#### **Description :**

The Oil Pump Supply Module is part of an equipment series that facilitates the investigation of a wide range of engines and machines. The flow is adjusted on a pressure valve and recorded using an oval wheel meter. Other sensors measure the temperature, intake and delivery pressure. Different oil pumps can be operated on the supply module and investigated in terms of their characteristic behaviour. The corresponding sensor connections and digital displays are located on the measuring equipment block. The pumps are connected into the experimental set-up using hydraulic hoses with quick action couplings.

#### **Technical Specification :**

Hydraulic piping with adjustable pressure valve and oval wheel meter  
Pumps connected by hydraulic hoses with quick action couplings  
Basic module for operation of oil pumps  
Measuring equipment block for connection of electronic sensors  
Digital display of measured values and transmission to PC data acquisition  
Experimental set-up on mobile frame  
Aluminium oil tank, 27ltr  
Oil/air cooling system, power 2...3kW

#### **Technical Data:**

Measuring ranges:  
Intake pressure measurement: -1...+1bar  
Temperature measurement: -50...250C  
Flow measurement: 0.4...10ltr/min

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Delivery pressure measurement: 0...120bar  
Oil tank, usable volume: 27ltr  
Oil: HLP-ISO 32  
Dimensions and Weight of Oil Pump Supply Module  
l x w x h : 1200 x 850 x 1300 mm  
Weight: 80 kg.



**Laboratory Instrument India**