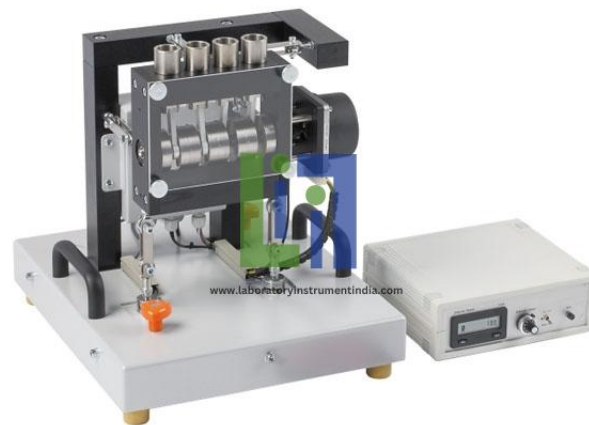




Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Forces In Reciprocating Engines

**Product Code :**  
LBNY-0005-103000133



#### **Description :**

Electronically commutated and speed-controlled drive motor with digital speed display  
Continuous adjustment of the angle between cranks  
Vibration isolation using rubber elements and suitable tuning  
Experimental unit to investigate oscillating and rotating mass forces and moments of a reciprocating Engine with up to 4 cylinders  
Force sensors to measure forces and moments  
Simulation of single, 2- or 4-cylinder engines.

#### **Technical Specification :**

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

Engine  
Piston mass: 40g  
Additional mass: 41g  
Number of cylinders: 4  
Crank drive  
Length of connecting rod: 70mm  
Centre distance of cylinders: 35mm  
Crank radius: 15mm  
Mass of connecting rod: 18g  
Measuring ranges  
Force: 0...500N  
Speed: 100 ... 3000min<sup>-1</sup>.



**Laboratory Instrument India**