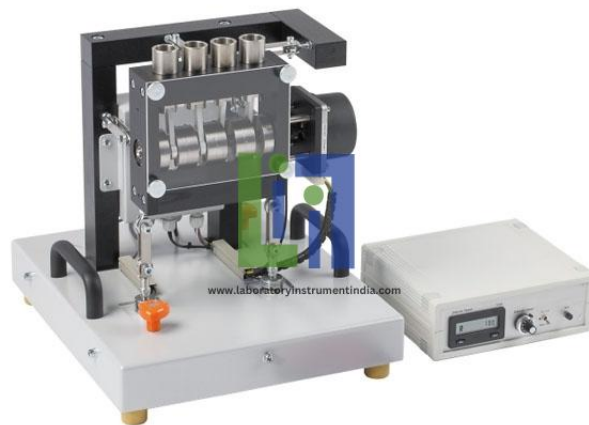




Email : sales@laboratoryinstrumentindia.com

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⁻¹.



Laboratory Instrument India