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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