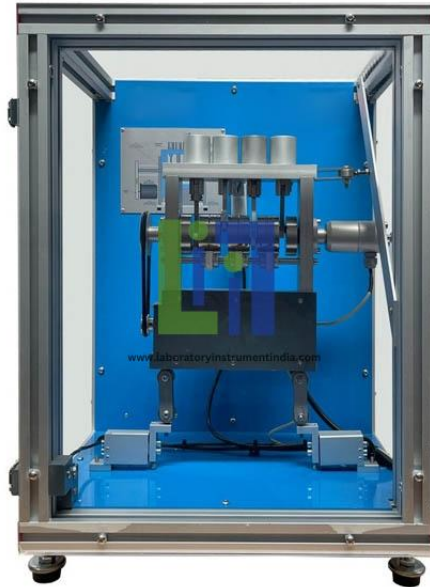




Email : sales@laboratoryinstrumentindia.com

Product Name :
Computer Controlled Balance of Reciprocating Masses Unit

Product Code :
LBNY-0005-1300005



Description :

Reciprocating engines consist of a piston reciprocating in a cylinder and connected to a crank shaft by a connecting rod. This cover includes a switch, which allows automatically stops the drive motor if the cover is opened. The Computer Controlled Balance of Reciprocating Masses Unit is mounted on an anodized aluminum structure with panels of painted steel. It includes rubber elements to have a vibration isolation and a transparent protective cover protects students from the moving crankshaft and allows the visibility of the practical exercises and elements of the unit.

Technical Specification :

The Computer Controlled Balance of Reciprocating Masses Unit includes:

Crank shaft:

Radius: 18 mm.

Length of connecting rod: 70 mm.

Mass of connecting rod: 17g. approx.

Distance between the centers of the cylinders: 43 mm.

Model of engine:

Number of cylinders: 4.

Additional mass: 45g.

Piston mass: 45g.

Sensors:

Three force sensors to measure the forces and moments, ranges: one of 0-20N and two of 0-150N.

One speed sensor to measure the motor speed, range: 100-3000 rpm.

Computer controlled motor:

Speed: 100 3000 rpm.



Laboratory Instrument India