

# Cranfield Impact Centre 3-Axis Moment Of Inertia Facilities



CIC's Moment of Inertia Facilities provide measurement of:

- 3-Axis, Moment and Product of Inertias
- Principal Inertias and their Direction Cosines
- Total Mass, Centre of Gravity Location and Mass Distribution

This facility is aimed at the automotive, aerospace and other sectors where inertia properties have important effects on the dynamics of a vehicle, component or system. Typical applications include:

- Road and Racing Vehicles, Engines, Gearboxes
- Aircraft Components, Air-Dropped Supplies, UAVs
- Helmets, NVG Systems
- Sports Equipment

Mass range	From 1kg to 2,500kg
Dimension range	Nominally 6500 (L) x 2800 (W) x 2000 (H) mm max

Confidentiality is assured in a secure test environment.

For further details, please contact:

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