

CADEX

Monorail Impact Machine

P/N: 1000_01_MRA01 (type: triaxial / rotational setup)

Free fall guided impact machine for triaxial/rotational acquisition test which complies with ECE 22, EN 1077, EN 1078 and other standards.

DIMENSIONS (APPROX.):

- Length of the base: 34.29 cm / 13.5 in
- Width of the base: 69.85 cm / 27.5 in
- Height: 599.44 cm / 236 in
(may vary depending on the base selected)

REQUIREMENTS:

- Power: 110v/220v - 50/60 Hz
- Constant air supply: 80 psi at 1 cfm

APPLICATION:

- Triaxial impact testing
- Rotational impact testing

FEATURES:

Full motorized system

1. Controller: sets the height and speed, initiates the test, activates pre-programmed settings and includes the emergency stop
2. Release system / Drop carriage
3. Velocimeter (timegate) for speed reading
4. Auto-retractable system to prevent a second impact and damages to the headforms

OPTIONAL ACCESSORIES:

5. Protective cage:
to protect the operator
6. Basket: used to support helmets during the free fall impact
 - MEP pad
 - Multipurpose support plate
 - Base weight available:
500 kg - 1000 kg



Optional protective cage

