

Monorail Impact Machine

P/N: 1000_01_MRA01 (type: uniaxial setup)

Free fall guided impact machine for uniaxial attenuation acquisition test which complies with SNELL, CPSC, DOT, ASTM, ANSI 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

APPLICATIONS:

- Uniaxial impact testing
- Penetration testing (additional accessories required)

FEATURES:

Full motorized system

1. Controller: sets the height, initiates the test, activates pre-programmed settings and includes the emergency stop
2. Release system / Drop carriage
3. Drop follower / Drop pistol
4. Velocimeter (timegate) for speed reading
5. Integrated encoder measuring the drop height
6. Quick and easy interchangeable anvils

OPTIONAL ACCESSORIES:

- Base weight available: 500 kg - 1000 kg - 1600 kg
- Protection cage kit for acquisition system
- MEP pad
- Multipurpose support plate

**Manual version also available upon request*

