

Monorail Impact Machine

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

Free fall guided impact machine for impact attenuation evaluation which complies with SNELL, CPSC, DOT, ASTM, ANSI and other standards. The Cadex monorail can be adapted for uniaxial, triaxial and/or rotational type of testing.

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 (other heights are available upon request)

FEATURES:

Full motorized system

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

APPLICATIONS:

- Uniaxial impact attenuation testing
- Penetration testing (with additional accessories)

**Manual version also available upon request*



Timegate for speed reading



Quick and easy interchangeable anvils



Uniaxial model shown