

Accurate Drop Heights

The unique design of the Traix2000 with the magnetic release and lifting cable allows for the headform to be located at the same height and impact the same location on each drop. The headform is on a steel cable held in place with a ratchet device mounted on one of the tripod legs.

Surveyor's Rod

Use the surveyor rod to provide the exact drop height of the headform for each drop. This surveyor rod is extended to the headform and the height is read at eye level making the operation very easy.



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Triax2000 Training



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ASTM F1292-99 Free Fall Tester Triax 2000



The Triax2000 meets the technical requirements of the ASTM F1292 and EN1177 Standards for the testing of Playground Surfaces

The portability of the Triax2000 makes field testing straight forward and cost effective. This allows the owner/operator to confirm the compliance of the surface to standards and contract specifications.

The Triax2000 is ideal for testing in the laboratory.

The Triax2000 consists of;

- Hemispherical headform with triaxial accelerometer,
- Rubber reference pad.
- Tripod with magnetic release and lifting cable.
- 3 connecting cables
- Extendable legs for drops to 11'.
- Handheld computer to record 48 drops.
- Docking station to save data to PC.
- Velocity at point of impact capture.
- Triax2000 software, win95-XP
- Special polyester case with wheels

Accurate Measurement

The state of the art electronics and software provide for the measurement of g-max and HIC. The capture of the velocity at the point of impact allows for confirmation of the physical drop height.



Downloading drops to PC

Triax2000

The Triax2000 is the result of more than 20 years of research and development. Rigorous testing by laboratories throughout the world has confirmed the accuracy of the Triax2000. The portability and technology allow for testing to be performed in the field at temperatures ranging from 10°F-120°F. This covers the requirements of all international standards.

Cost: US\$10,500.00

Triax2000

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