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Triax2000 and Accessories

The Triax2000 is sold in two configurations. For European compliance, EN1177, a handheld drop instrument is acceptable, whereas for compliance to the ASTM F 1292 there is the need for accessories to meet the technical requirements of the standard. This will also apply to the tests being performed to the CSA-Z614-98 standard. It is recommended that, prior to performing a test of a surface the person purchases and familiarises themselves with the relevant standards.

Components

Triax2000 Basic SIT (Surface Impact Tester)..... \$6,750.00USD

Consisting of:

1. Handheld computer that displays and stores 48 drops
2. Aluminium headform that conforms to ASTM F1292-04 and EN1177
3. All necessary (1) connecting cable
4. A docking station for the data collection unit to sit on a desk.
5. Operating manual
6. Operating Program Triaxwin for Windows 2000 & XP
7. Rubber Test pad
8. 1 set batteries (5 AA Duracell type MN 1500 LR6)

Tripod with Magnetic Release..... \$3,500.00USD

Consisting of:

1. Tripod with 3 sections of screw together legs (extending to 12')
2. Electromagnetic release system (ASTM F1292-04)
3. All necessary (2) connecting cables
4. 1 set batteries (3 C Duracell)
5. Lifting cable and winch
6. Specially reconfigured hard polyester, wheeled case for Tripod, legs, headform and handheld computer

Surveyor's Rod..... \$ 250.00USD

Consisting of:

1. A height measuring rod extendable to 15' indicating height at eye level
2. Heavy duty canvas case with carrying strap
3. Plastic carrying tube
4. Available in either meter or inch/foot calibration

The performance of the drop tests to the European standard will require the Headform and the Surveyor's Rod.

Total Package

The performance of the drop tests to the ASTM F 1292-04 will require the Headform, the Tripod, and the Surveyor's Rod.

Package price \$10,500USD

Parts and Calibration

Connecting Cable.....replacement cost (must return ends) \$ 125USD

Connecting Cable new \$ 185USD

Additional 40" section of screw in legs (3 pieces) \$ 300USD

Leg Holder at magnet with holding pins \$ 450USD

Annual Calibration.....required by ASTM F1292 \$ 600USD

Upgrade from ASTM F1292-99 to ASTM F1292-04, including new accelerometer, one cable and software (saves cost of one calibration) \$ 1,250USD

Training

Training: Section 7 of the ASTM F 1292 requires that the operator, if not an employee of an accredited or recognised laboratory, shall be trained and certified by the equipment supplier, including written and performance testing, to establish competency in performing Specification F1292 testing. All training would consist of a maximum of 1 day.

Training will be provided for the Triax 2000 on the following basis;

Lecture Setting of 11 to 25 participants at one time at a cost of \$150.00USD per participant.

Seminar Setting of 6 to 10 persons at one time at a cost of \$245.00USD per participant

Custom Class of 5 or under at a cost of \$350.00USD per participant

Lecture and Seminar courses will be scheduled around North America from time to time and it is the responsibility of the participant to pay for travel accommodation and meals and any other costs not directly related to tuition.

Classes can be established at a location selected by the client, however there will be charge for travel and accommodation of the trainer.

General Conditions

Shipping point is New Jersey, USA. Shipping is by FedEx, UPS, or Ground Transport as selected by the purchaser. The purchaser is responsible for all costs of freight.

The purchaser is responsible for all costs associated with import duty, sales taxes or other levies that would be associated with the sale of the Triax2000 into the jurisdiction of the purchaser

Currency: All prices and costs listed are in US dollars

Terms: Each order must be accompanied with a certified cheque or international bank draft in the amount of 30% of the value of the order. Balance of 70% is due by certified cheque or international money order prior to release of the order for shipping.

Warranty

Warranty: The Traix2000, excluding connecting cables, is warranted for material and workmanship for a period of 1 year from the date of shipping to the purchaser or first record. Damages as a result of vandalism or abuse is not covered.

Certificate of Compliance: Each complete unit (Triax2000, tripod and surveyor's rod) will be delivered with a certificate that the unit conforms to the requirements for instrumentation for ASTM F 1292-04. A certificate of calibration of the accelerometer will accompany the unit at the time of sale and each time the annual calibration is completed.

Representations: No representations are made other than those stated. This instrument is for data acquisition and it is the sole responsibility of the purchaser and user to determine its application in any particular circumstance. The purchaser and user of the Surface Impact Tester is directed to section 15 - Precision -of the ASTM F 1292-04 standard to clearly understand the variations, repeatability and reproducibility of the results. Although this device indicates less variation than tests performed using ASTM F 355, Procedure C. the information in Table 5 for all materials tested in the ASTM round robin indicates a variation of $\pm 20\%$ for g-max and $\pm 40\%$ for HIC. Table 6 for Non-loose Fill Materials Only tested in the ASTM round robin indicates a variation of $\pm 11\%$ for g-max and $\pm 24\%$ for HIC.

The use of this instrument is invalid and not covered by any warranty or any representation should any of the conditions of compliance with ASTM F1292-04, including, but not limited to annual calibration, not be performed.

Purchase of the Triax2000 and accessories are subject to Terms of Sale as set by Playground Clearing House. Copy of Terms and Conditions available on request.