



2.5kg Turf Clegg Hammer Tool for Checking Hardness and Stiffness of Sports Surfaces

The 2.25 Kg CIST/883 Clegg Impact Soil Tester provides an easy and straightforward means for measuring the hardness condition of both natural and synthetic sports surfaces. The equipment consists of a 2.25 Kg sports compaction hammer operating within a vertical guide tube.

The Hammer falls through the guide tube when released and strikes the surface under test, decelerating at a rate determined by the stiffness of the material within the region of impact.

The readout is clamped to the guide tube and the displayed reading is viewed from the top during use. Single button operation design provided for easy use.

Data Logging Feature:

On board data logging and data storage with wireless data transfer facilities are features provided with the instrument. Users can download their test results from site to PC, wirelessly, using the PC software supplied with the instrument. This cable-free operation greatly enhances system reliability.

Surface Testing:

The 2.25 Kg Clegg hammer provides good prediction of ball bounce for cricket surfaces and football pitches. Also used for equestrian surface checks the instrument is used to confirm uniform surface characteristics over play areas and horse tracks. The Tester provides a quick and accurate method for monitoring variations in strength and for helping to determine the uniformity of an area. An example of its simplest application is to help determine soft spots or hard areas.

Operating Principle: The Tester consists of a 2.25 Kg compaction hammer operating within a vertical guide tube. The Hammer falls through the tube when released and strikes the surface under test, decelerating at a rate determined by the stiffness of the material within the region of impact. The readout registers the hardness values in units of Gravities (Gm). The Gm value is an indication of soil strength.

Tough Design: The CIST/883 Clegg Impact Soil Tester is a very rugged design suitable for prolonged use in damp, dirty and harsh site environments. The CIST/883 readout unit is made from high strength alloy that has been proven to last for decades. The unit runs from 2 x AA batteries for typically 12 months operation. The CIST/883 Clegg Impact Soil Tester is a compact and reliable instrument.

Case Included.

