Metrix+™
Innovative Excellence

SOIL HARDNESS TESTER

HT SOIL 01

Test soil compaction

Measuring principle

This is a universal type penetrometer, which measures the penetration resistance of the soil to estimate compaction coefficient, which co-relates to the soil hardness parameter.



Applications

Compacting soil can prevent water infiltration, which reduces fertilizer utilization rate by soil, affect plant growth rate, and even lead to crop yield reduction. Hence, testing soil compaction is important for guiding agricultural production, a good indicator for arable land, useful for soil property survey, soil permeability, aeration, domestic, industrial and civil construction, highways, railways, road, drainage, oil pipeline, water conservancy, dam construction, irrigation canal, reservoir construction, airport runway engineering, etc.

Features

- Easy to carry on field with ease of assembly
- Backlit display with low battery indication
- Max data hold
- Convertible units: kg, g, lb, N

Technical Specifications

Model	*Metrix+* HT SOIL 01
Test Depth	0 ~ 30cm
Materials	All kinds of backfill soil, clay, sand, mixed soil after rolling, etc
Measuring range	0 ~ 100kg (0 ~ 100N)
Accuracy	≤0.25%
Power	2 x AA batteries or 5V DC power supply
Dimensions	176 x 65 x 27mm, instrument 415g, handle 295g, rod 380g
Std accessories	Main unit, manual, case

Model and Specifications subject to change without notice.