

Product Name :
Microlance Instant Moisture and Temperature Tester

Product Code :
NLAB-AGRETLAB160024



Description :

Microlance Instant Moisture and Temperature Tester

Technical Specification :

This instrument measures the moisture and temperature of building materials (such as sand, aggregates and mixes) at depths up to 1 m approx., simply by insertion. The digital readings are shown instantly. The Microlance has a built-in computer, which gives it the flexibility to handle a wide range of materials and water contents. The meter comes with standard calibration for sands and aggregates, but is easily recalibrated in the field for virtually any material or mixture using the built-in "Autocal" facility.

Complete with calibration certificate.

Battery: 4x1.5 V AA cells

Typical range: Moisture 0-25%; Temperature -20 to 60°C

Resolution: Moisture 0.1%; Temperature 0.1°C

Accuracy: Moisture: better than 0.5% over a given range; Temperature: better than 0.5°C

Measurement principles:

Moisture: temperature compensated electric field

Temperature: BS 1904 – DIN 751

Platinum resistance detector

Total length: 1.2 m (approx.)

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