

## DATA SHEET

# Microlance Instant Moisture and Temperature Tester



MICROLANCE, instant moisture and temperature tester 48-D0462

## General description

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

## Main features

- Suitable for sands, aggregates, building materials and mixes
- Provides quick on-site moisture measurement from small batches to hundreds of tons
- Ideal in the processes of concrete manufacture, brick making, ceramics etc

## Specifications

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.)

Weight: 2 kg (approx.)

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### Products

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