

product specification

MCA Moisture Content Analyser



Description

The Moisture Content Analyser is a non-contact instrument for measuring moisture in real time.

It detects moisture content by reflecting near infrared light, via a fibre optic sensor cable, and provides a higher resolution when compared with conventional moisture meters owing to this increased light energy and a superior filtering system.

Using a 'three-band' system, the MCA1410 further minimises measuring errors by incorporating an automatic correction of the background reflection.

This high-speed technique enables on-line measurement of moisture in machines or on production lines and is ideal for measuring moisture in a wide range of materials including paper, packaging board, lumber chip, film, non-wovens, membranes, powders, tablets, sugar, bread crumbs, clay, cement, sand, ceramic and gypsum board.

Features

- Non-contacting test probe with fibre optics that can be used in 'difficult' applications such as narrow spaces, rapid temperature variations and explosive environments
- Real-time measurements at high speed with analogue data processing
- Three-band near-infrared reflected light with automatic correction
- Includes calibration head and logging software
- Available with fibre optic sensor cable (1–10 m)

Physical specifications

Dimensions

46 x 25 x 25 cm (W x D x H)

Net weight

5 kg