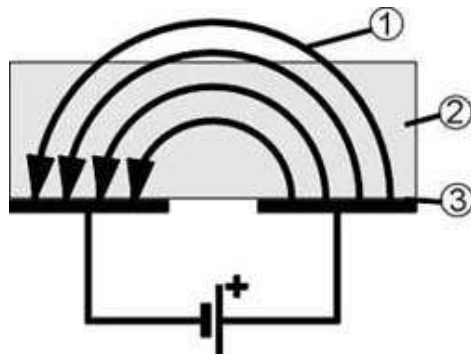




## PORTABLE HUMIDIMETERS FOR PAPER AND CORRUGATED CARDBOARD

Portable Paper and Cardboard Moisture Meters both directly on the reels themselves and already stacked in reams.



- (1) Field lines
- (2) Material to be measured
- (3) Conductive plates

## PORTABLE HUMIDIMETERS

### CAPACITIVE MEASUREMENT PRINCIPLE

El principio capacitivo es el más rentable para medir la humedad sin dañar el material. El medidor está trabajando de acuerdo con el principio de una placa de condensador abierto. La capacidad del condensador depende de la constante dieléctrica de los materiales (DC), entre el material entre las placas. En comparación con el aire, por ejemplo (DC = 1) el agua tiene una muy alta constante dieléctrica (DC ~ 80). El contenido de agua de un material puede ser determinado por la determinación de la constante dieléctrica de este material. Las mediciones son influenciadas por las diferencias en las densidades de los materiales.

- Lectures instantanées
- Mesures de contact
- Méthode non destructive (capacitive)
- Contrôlé par microprocesseur

### ELECTRONIC HUMIDIMETER Model DM4A

This digital reading model is the economic version of the range, to measure humidity in paper and cardboard.

- Measurement scale from **2 to 50%** absolute humidity (H<sub>2</sub>O)
- Measurement resolution: 0.1%
- Depth of the measuring area on the Paper Rolls: 30 mm
- Storage capacity up to 100 humidity measurements
- Automatic calculation of maximum value - average and minimum
- USB interface
- Dimensions of the instrument: 200 x 80 x 40 mm approx.
- Weight: 250 g. approx.



**OPTIONAL: DOSOFT Software** + USB Interface Cable

The Humidimeter can be calibrated with the help of the PE05 and PE30 Calibration Modules

### DIGITAL ELECTRONIC HUMIDIMETER Model AD4A

This digital reading model is highly accurate and incorporates:

- Measurement scale: 0 to 50% Absolute Humidity (H<sub>2</sub>O) (adjustable)
- Depth of the measuring area on the paper rolls: 50 mm
- Clear reading digital display (horizontal growing bar)
- Rotary knob that allows the selection of the calibration according to the type of paper to be measured
- Instant measurement scale change
- Microprocessor controlled measurement with automatic zero point correction
- Especially good detection of different humidity levels, eg. Changes in humidity in paper or cardboard reels are instantly registered.
- Dimensions of the instrument: 180 x 80 x 40 mm



OPTIONAL: **DOSOFT Software** + USB Cable

The Humidimeter can be calibrated with the help of the PE05 and PE30 Calibration Modules

### HUMIDÍMETRO ELECTRONICO DIGITAL – Modelo DM7-AL

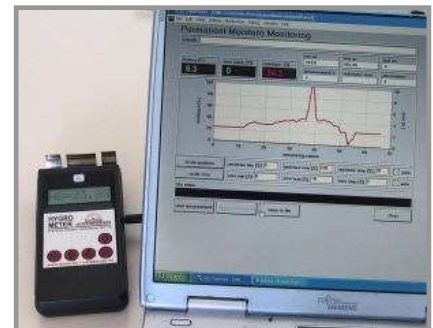
Non-destructive moisture measurements in seconds

- Measurement scale from 0 to 50% absolute humidity (H<sub>2</sub>O)
- Measurement resolution: 0.1%
- Measurement area depth in Corrugated Cardboard, Compact
- Cardboard tubes: 40 mm
- Storage capacity up to 100 humidity measurements
- Automatic calculation of maximum value - average and minimum
- USB interface
- Dimensions of the instrument: 180 x 80 x 35 mm approx.
- Weight: 430 g. approx.



OPTIONAL: **DOSOFT Software** + USB

OPTIONAL all models:  
**DOSOFT Software + USB cable**



### CONTENTS OF THE STANDARD SUPPLY:

- \* Portable Humidity Meter (the requested model)