

## DIGITAL MOISTURE TESTER FOR TEXTILES

# HUMY TESTER III



Multifunctional portable digital instrument for the instantaneous reading of moisture in textile materials (bales, slivers, yarns, fabrics) as well as of ambient temperature and RH%.

The operating principle to determine the moisture content in the material to be tested is based on the measurement of the material's electrical conductivity, which is always proportional to the moisture content.

20 pre-set direct reading scales of the most common textile raw materials - both pure and blended - are already stored and available in the **Humy Tester III**.

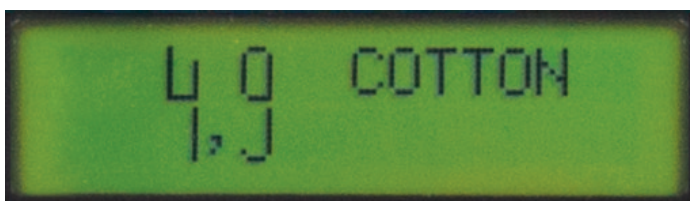
In order to test other fibers and blends that are not pre-set, an additional comparison scale with range "0-100" is available in the instrument.

# HUMY TESTER III CODE 185C

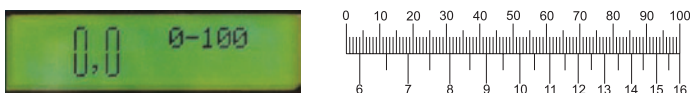
## Description

Portable digital instrument for instantaneous reading of the residual moisture percentage (%) contained in textiles.

In the **Humy Tester III**, 20 preset scales - previously stored - are available for the direct reading of most common textile materials, such as: 100% wool, 100% cotton, 100% rayon, viscose, 100% linen, 100% paper, 100% nylon, 100% acrylic, 100% polyester, 50% + 50% viscose wool-rayon, 60% + 40% ... , etc.).



For other fibers and blends, whose electronic scales are not present in the instrument, specific conversion scales to determine the moisture content can be found in the Instruction & User Manual of **Humy Tester III**.



Thanks to a special probe (available as optional), the **Humy Tester III** can also measure ambient temperature and relative humidity.



### TECHNICAL FEATURES

- Equipped with digital LCD display, for the direct and instantaneous reading of moisture percentage
- Reading accuracy: 1% of full scale
- Automatic switching off (after 2 minutes of idleness)
- Case for instrument and electrodes
- Electrode holder and connection cable
- *Instruction & User Manual*, complete with other conversion scales

### REFERENCE STANDARDS

DECATHLON DCS 194

### DIMENSIONS / POWER SUPPLY

Weight: 300 g  
Dimensions: (L) 95 x (W) 40 x (H) 230 mm  
Power Supply: 9 V battery

### OPTIONAL ACCESSORIES

2-pin electrode, 30 cm length, for cotton and wool bales	Code	185.412
2-pin electrode, 10 cm length, for hanks	Code	185.414
Roller electrode for fabrics in movement	Code	185.416
8-pin electrode, 6 cm length, for bobbins and cones	Code	185.418
Kit of probes for calibration (2 pcs.)	Code	185.422
Electrode for man-made yarns	Code	185.424
Electrode for fabrics (surface Ø: 30 mm)	Code	185.426
Electrode for fibers and plastic chips	Code	185.432
Ambient temperature & relative humidity probe	Code	185.428
Electrodes (two) for fibers in bales; complete with connecting cable and manual drill	Code	185.434
Calibration report	Code	185.CC1
SIT Calibration report, for calibration probes kit	Code	185.CC2

Photographs and descriptions of the present leaflet have to be considered as purely indicative and not binding