



TEXTOMETER DMB

Portable Moisture Meter and Temperature Gauge

Measurement

Control

Automation

TEXTOMETER DMB

Portable Moisture Meter and Temperature Gauge

A Textometer DMB is a handy meter which instantly detects and indicates the precise amount of moisture retained by raw materials, on-line products, and finished goods alike.

It can also measure by contact or non-contact means their surface temperature. A DMB thus does away with the complicated and round-about way of determining moisture content by oven drying and weighing.

Fast, flexible, precise.

Being small, light, and portable, a DMB can be taken to wherever it may be required to take random measurements, or it can of course be used in the more permanent setting of a laboratory. It is controlled via a touch-sensitive keypad, and the readouts are screened on an illuminated graphic display.

A DMB is a mains or battery powered meter, and features a cutout which, when working on battery power, switches it off automatically when not in use.

A versatile meter

Via the built-in software, the meter can be set up to measure all conventional fibres and blends, the latter in increments of 5%.

A DMB has 10 article memories, each containing 100 storage locations, and an RS-232 interface to facilitate transfer of article-related data and successive readouts to a PC.



How it measures

A natural relationship exists between the moisture content and electrical conductivity of hygroscopic materials. As it is specific to each type of fibre or blend, the relevant calibration data for each is stored in the Textometer. Once the fibre or blend has been selected, the meter calibrates itself automatically, and is then ready to measure.



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201 Electrode with short spikes
for cops, cheeses and other spools, spike length 15 mm

202 Electrode with medium-sized spikes
for roving bobbins, and lightly wound cheeses, spike length 30 mm

203 Electrode with long spikes
for lightly wound cheeses, and hank yarn, spike length 38 mm

204 Comb electrode
for delicate fibres (rayon, paper yarn etc.) and tightly wound cops, cones or cheeses

205 Electrode with twin spikes for card sliver, combed sliver and packaged hank yarn, spike length 160 mm

206 Bale electrode for lightly to medium packed bales of fibre, spike length 150 mm

207 Surface-contact electrode for flock, fleece, ribbon, hank yarn, knitted and woven fabrics

215/3 Roller electrode for online material and yarn sheet

216 Special bale electrode for tightly packed bales of cotton and rayon staple fibre, comprising two 500 mm long drill bits, socket wrench and connecting cable

220/10 Cable and grip
for connection of electrodes 201-207, 215 and 222

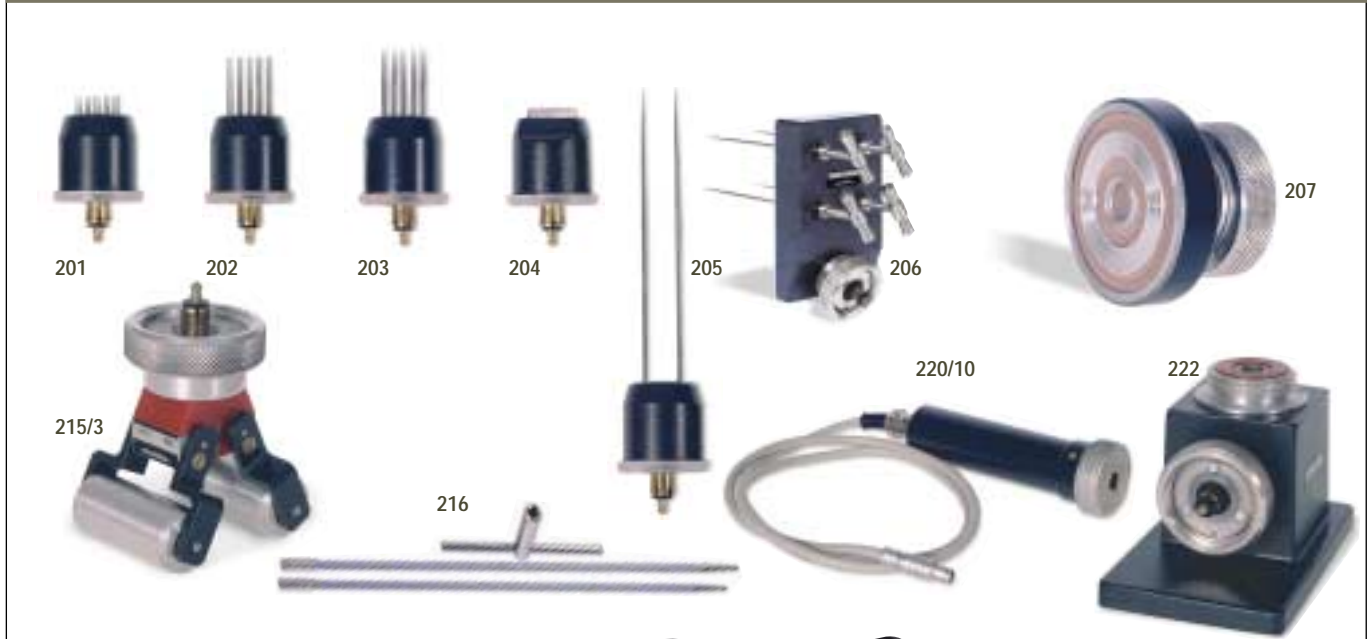
222 Base adaptor
for electrodes 201-204

PT100 Hand-held sensor
for direct contact measurement of temperature

Infrared pyrometer
for non-contact measurement of surface temperature (scanning spot can be localized with a laser pointer)

228 Carrying case
for meter and accessories

A multipurpose meter with a variety of practical accessories



TEXTOMETER DMB

Conductivity Meter

TEXTOMETER DMB Conductimeter for electrostatic flocking

Trouble-free electrostatic flocking relies to a great extent on the conductivity of the materials involved, and strict adherence to specific degrees of conductance.

A conductimeter is thus an indispensable tool for the flocker. In addition to a

standard logarithmic range, this Textometer features a linear, ohmic range to DIN 54 345 standards, and associated ring electrode, for measurement of flock conductivity.

The latter can also be measured by a 218 surface-contact electrode.



214 + 224 Ring electrode, complete

218 Surface-contact electrode

220/10 Electrode cable and grip

2051 Single pole spiked electrode

2052 Double pole spiked electrode

Overall management of
Mahlo GmbH + Co. KG
and all subsidiary companies:
Robert Daul Dipl.-Ing. (FH)

Mahlo GmbH + Co. KG
D-93340 Saal/Donau, Germany
Tel: +49-9441-601-0
Fax: +49-9441-601-102
Internet: <http://www.mahlo.com>
e-mail: info@mahlo.com

Mahlo America Inc.
P.O. Box 2825
Spartanburg, S.C. 29304, USA
Tel: +1-864-576-62 88
Fax: +1-864-576-00 09
<http://www.mahloamerica.com>
e-mail: mahlo.usa@mahlo.com

Mahlo Asia Ltd.
764 Tedsaban Nimit Nua Road
Soi 24, Prachanivete 1
Ladyaw, Chatuchak
10900 Bangkok, Thailand
Tel: +66-2-954-48 83
Fax: +66-2-954-42 56
e-mail: mahlo.asia@mahlo.com

Mahlo España
Sistemas de Regulación y Control S.L.
Calle Antoni Falguera, 21
E-08181-Sentmenat (Barcelona)
Tel: +34-93-715 3701
Fax: +34-93-715 3702
e-mail: mahlo.espana@mahlo.com

Mahlo Italia S.R.L.
Via Fiume 62
I-21020 Daverio, Italy
Tel: +39-0332-94 95 58
Fax: +39-0332-94 85 86
e-mail: mahlo.italia@mahlo.com

Mahlo Ouest S.P.R.L.
Chemin du Duc 9
B-4840 Welkenreadt, Belgium
Tel: +32-87-59 69 00
Fax: +32-87-59 69 09
e-mail: mahlo.ouest@mahlo.com

TEXTOMETER DMB Technical Data

Principle	Measurement of conductivity
Power supply mains:	120V~/12V USA or 240V~/12V European power-pack
Batteries:	6 x 1,5V AAA cells
Dimensions	ca. 278 mm x 62 mm x 193 mm