



MIP / 501



MIP / 502



SEMITRONIK

moistron

**PORTABLE DIGITAL MOISTURE METER
FOR TEXTILE IN ALL FORMS
AND OTHER APPLICATIONS**

PORTABLE DIGITAL MOISTURE METER FOR TEXTILES IN ALL FORMS

- Moisture measuring range available with suitable sensor to meet any individual requirement.
- Different types of detachable moisture measuring electrodes available to meet any individual requirement.
- Finds application in :
 - Textile
 - Agriculture
 - Food
 - Paper
 - Chemical
 - Wood
- System available with computer interface for lot wise and sort wise data storage.
- Unit is also available with interface to transmit data to PC using wireless communication.
- Data transmitted includes :
 - Sample no.
 - Name of client
 - Type of fibre or materials
 - Moisture content
 - Lorry number and owner's name etc.

So while checking number of sample one does not have to write manually all such details which will avoid manual labour & error.

This format or print can be available as per specific requirement also in form of digital or graphical data.

Apart from above, software package is with facility to pass SMS message on mobile for daily as well as emergency alerts.

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PORTABLE MOISTURE METER

Uses highly stable microprocessor circuit technology to overcome the traditional limitations of measuring moisture by resistance techniques. Its main features are :

- Digital display.
- Measurements in percent regain.
- Internal auto - calibration facility.

SCOPE

Interchangeable probes are available for measurements on loose baled fibres, laps, slivers and tops, rovings, all types of yarn packages and stationary or moving warps and fabrics.

Special probes can be designed and made to order.

PORTABILITY

Is light and compact and is provided with attractive carrybag which houses the detachable electrodes also.

POWER SOURCE

Is powered by rechargeable batteries. A full charge lasts for 24 hours. Low battery warnings are given. Complete recharging takes about 8 hours.

EASE-OF-USE

Is easy to use. Results of measurements are displayed digitally - no calculations or corrections need to be made by the operator.

TECHNICAL DATA

	Ranges : (% regain)		
Cotton	3.5	to	20 %
Wool	10	to	40 %
Jute	7	to	32 %
Rayon	7	to	32 %
Staple Fibre	7	to	40 %
Silk	6	to	30 %
Nylon	3	to	17 %
Acrylic	1	to	5 %
Polyester	0.5	to	2.25 %
Viscose	3.5	to	29 %
Food Grains	2	to	15 %
Pulses	2	to	15 %
Oilseeds	2	to	20 %

Paper; Ceramic; Tea; Wood; Sand.

- Optionally all ranges can be provided from 0% onwards.

- Other fibres by user-calibration facility

Readability	: 0.1
(% regain)	
Display	: 4 digit 12 mm LCD.
Batteries	: 24 hours of continuous usage : Low battery indication on display.

Power requirements for recharging	: Any voltage between 110-240 V A.C.
Dimensions	: W 80 x H 145 x D 375 mm
Weight	: 1.5 kg.
Standard accessories	: Connecting cable for plug-in type sensors.

PORTABLE DIGITAL MOISTURE METER MODELS

MODEL MIP / 501

With NiMH rechargeable battery.
Dimensions : 80 x 145 x 37 & 28 mm
Weight : 1.5 kg.

MODEL MIP / 502

With selector switch to measure moisture content of 4 nos. basic fibre
○ Cotton ○ Wool
○ Viscose ○ Polyester
With NiMH rechargeable battery.
Dimensions : 100 x 180 x 40 mm
Weight : 2.5 kg.

INTERCHANGEABLE PROBES

- 2, 4 or 6 needles
10 mm long : Spinning packages
- 2, 4 or 6 needles
25 mm long : Spinning packages
- 2, 4 or 6 needles
100 mm long : Cones
- 2 prongs
150 mm long : Bales
- 2 prongs
300 mm long : Bales (Hard)
- Flat type electrodes
Free running Roller Warps & fabric roller



For further details, contact