DigiMoist

MAG
beyond quality

TEXTILE TESTING SOLUTIONS

Generic Name : Digital Moisture Meter
Product # : MAG - F0261
Industry Usage : Ginning and Spinning

Test Category : Fibre & Yarn

Features :
- Determine the residual moisture content in textile like Cotton, Polyester & Viscose materials in terms of percentage.
- Portable construction; ergonomically designed.
- Extended measuring range suitable for the entire Cotton and Yarn packages.
- "High frequency resistance measurement" (HFRM) principle enables strict moisture measurement.
- Field calibration with the use of standard calibration probe.
- Back-lighted alphanumeric display; Microcontroller controlled digital circuitry.
- Built-in rechargeable Battery power long lost for more than 5 hours of usage.
- Different types of probes for the convenient measurement feasibility.
- Provided with sponged light-weight case and charging adaptor for easy mobility.

TECHNICAL DATA

Measuring principle	: High Frequency Resistance Measurement (HFRM)
Measuring range	: Cotton : 3.5 to 12.5 % ; Polyester : 0.30 to 4.15 % ; Viscose : 7.0 to 21.5 %
Measuring accuracy	: ± 0.1 %
Applicable Standard(s)	: ASTM D2654
Power supply	: 16.8 v maintenance-free rechargeable long run Built-in battery pack
	Charging Adaptor : Single phase 220vAC @ 50Hz
	Charging consumption : 20 watts
	Charging time : 1 hour max. of 4 hour of usage
Physical Dimensions	: Size (WDH) : 200 x 100 x 40 mm
	Weight : 700 gram (Accessories excluded)

SCOPE OF SUPPLY

1) Main Unit – 1 No.
2) Accessories : 6 Pin type probe - 1 No., 2 Pin type probe - 1 No., Bale type probe - 1 No., Calibration probe - 1 No., Tuning screw driver - 2 Nos., Charger Adaptor - 1 No. and Spanner (8-9) - 1 No.
3) Spares : 6" Needle - 6 Nos.
4) Documents : User's guide, Warranty certificate, Test certificate & Calibration certificate.

Optional Supply : Surface type probe and Roller type probe

PRE-REQUISITES FOR INSTALLATION

Properly earthed and Stabilized single phase 220vAC @ 50Hz, Test samples and Suitably qualified operator.

OTHER AVAILABLE MODELS

DigiMoist XT

Product Specification Book Rev: 9.10.3
Log on to www.magsolvics.com for product updates
MAG pursues a policy of continuous development. Specifications in this document are as of August 2015, which may therefore be changed without notice

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