

Textile Moisture Meter

Model DHT-1

Multi Function Instrument to determine the residual moisture of yarn bobbins, fabric rolls, filaments, cotton bales, fiber flocks etc, as well as to measure room temperature and humidity RH %

Special features

- Digital display for direct moisture percentage reading of 7 materials (wool, rayon, cotton, linen, nylon, acrylic, polyester) and 10 often used material mixtures.
- Scale with 0 - 100 for non stored materials; with the help of supplies comparison tables the moisture of additional 23 materials can be determined.



Digital display for direct readings for 17 materials as well as materials mixtures:

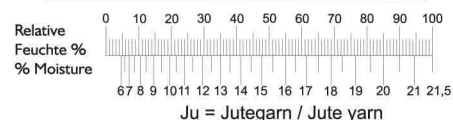
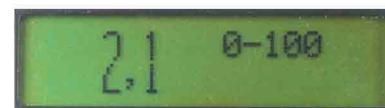
wool, rayon, cotton, linen, nylon, acrylic, polyester,
50 PES/50 Zw, 50 PES/50 PAC, 50 PES/50 Bw, 67 PES/33 Bw,
70 PES/30 Zw, 70 PES/30 Wo, 67 PAC/33 Bw, 70 PAC/30 Wo,
60 Bw/40 PES, 50 Wo/50 Zw

Standard Features

- Easy material selection by using 2 push buttons
- Easy to use for many applications
- Compact housing supplied in leather carrying case with neck strap
- A wide choice of electrodes are optional available
- Portable, battery operated
- Inspection sheet of manufacturer free of charge



Model DHT-1



Digital display with 0 - 100 scale for comparison tables 23 materials and material mixtures

Specifications

Application: Residual moisture	Direct reading: wool, rayon, cotton, linen, nylon, acrylic, polyester, 10 material mixtures
Room temperature	reading using 0 - 100 scale: 23 conversion sheets for different materials
RH %	-30° to 70° Celsius (optional)
Display:	5 % to 95 % RH % (optional)
Measuring Accuracy:	LCD, resolution 0.1
Repeatability:	1 % Full Scale
Power Supply:	0.3 %
Auto Power Off:	Battery 9 V E Block, low battery signal
Weight net (gross):	after 2 min of non-use
Dimensions:	600 g (1300 g)
	170 mm x 250 mm x 65 mm (LxWxH)

Delivery Includes

	Description	Order no.
Instrument	leather carrying case and battery	
1 Connecting cable	Length 1 m	50400M
1 Electrode holder	To take up various electrodes	50404M
1 Needle Electrode	for measuring yarns, cross-wound bobbins and hanks, 2 needles, needle length 100 mm	50414M
1 Needle Electrode	for measuring yarns, cross-wound bobbins and hanks, 8 needles, needle length 80 mm	50418M
1 Surface Electrode	Surface electrode for measuring garments and fabrics 23 mm surface diameter.	50213M
1 Manual	with 23 comparison tables german or english	
1 Simple calibration report	of manufacturer in english only	

** Optional: 1 additional probe 50428M for PVH suppliers (highly recommended)



Scope of delivery model DHT-1

Optional Accessories

Order no.	Function	
50412M	Needle Electrode for measuring textiles in sacks and rolls, especially yarn and fabrics, needle length 300 mm, isolated shaft 35 mm.	
50416M	Roller electrode for measuring running webs of fabrics 27 mm roller diameter.	
50428M	Thermo-hygrometric probe to measure room temperature °C and RH %, useful parameters to check the balance condition of the material under testing length 170 mm.	
50422M	Calibration electrode set of 2 different calibration electrodes with fixed moisture values. Electrodes with a fixed calibration value to check the accuracy of the display at 2 test points. The probe is connected to the display which has to show the factory set preset value. If necessary the instrument can be re-adjusted by the operator. The electrode can be optionally supplied with a calibration certificate.	
Detailed calibration report in english made with SIT (Italian calibration institute, similar german DKD Institute) certificated electrodes		

Distributed By:



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