

Material

Non-destructive leather moisture meters

humimeter LM5 for measuring finished leather products

humimeter LM6 for measuring leather during the whole production process as well as for finished leather products



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humimeter LM5 & LM6 leather moisture meters

Non-destructive handheld moisture meters for the determination of water content of leather within seconds



Measuring procedure and handling:

After selecting the appropriate calibration curve (depending on the leather density), press the humimeter LM5 or LM6 on a leather pile with a thickness of at least 10mm. The display immediately shows the absolute leather moisture as well as the temperature. The measuring procedure does not destroy the leather surface in any way. By effecting various measurements in different areas of the leather hide, the average water content can be determined immediately

Benefit from the non-destructive measuring method and optimise your drying costs as well as servicing times by detecting eventual moisture fluctuations or moisture spots in time. The measuring values can be stored on the device, further information like batch number can be added. Via the optional USB interface the measuring values can be transferred to a PC, and via LogMemorizer® PC software the data can be archived, exported, processed or printed out.

Features:

- Non-destructive measurement without prior treatment of samples
- Simple handling, measurement within seconds
- Measuring range LM5: 3% to 20% leather moisture
- Measuring range LM6: 3% to 65% leather moisture
- Resolution: 0.1%
- Measuring depth: 5mm
- Minimum material thickness: 10mm
- Operating temperature range: 0 to +40°C / 32 to 104°F
- Automatic temperature compensation
- Manual saving of up to 10,000 logs
- Automatic averaging
- Large, well-lit LC display
- Scope of supply: humimeter LM5 or LM6 with rubber protection cover, wooden case, proof plate and batteries
- Optional: humimeter USB data interface module with LogMemorizer PC software on USB flash drive incl. USB cable for PC, portable thermo printer

Accredited test laboratory:

In 2016 we established a test laboratory conforming to the requirements of the globally valid standard EN ISO/IEC17025:2005. In addition, the laboratory has been certified for the determination of water content according to EN ISO 4684: „Leather - Chemical tests - Determination of volatile matter“. The requirements necessary for obtaining and preserving the accreditation ensure maximum testing quality.



Climate /
Environment



Foods



Bioenergy



Material



Buildings



Paper / Board

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A wide range of other instruments and external sensors can be found at www.grubatec.ch