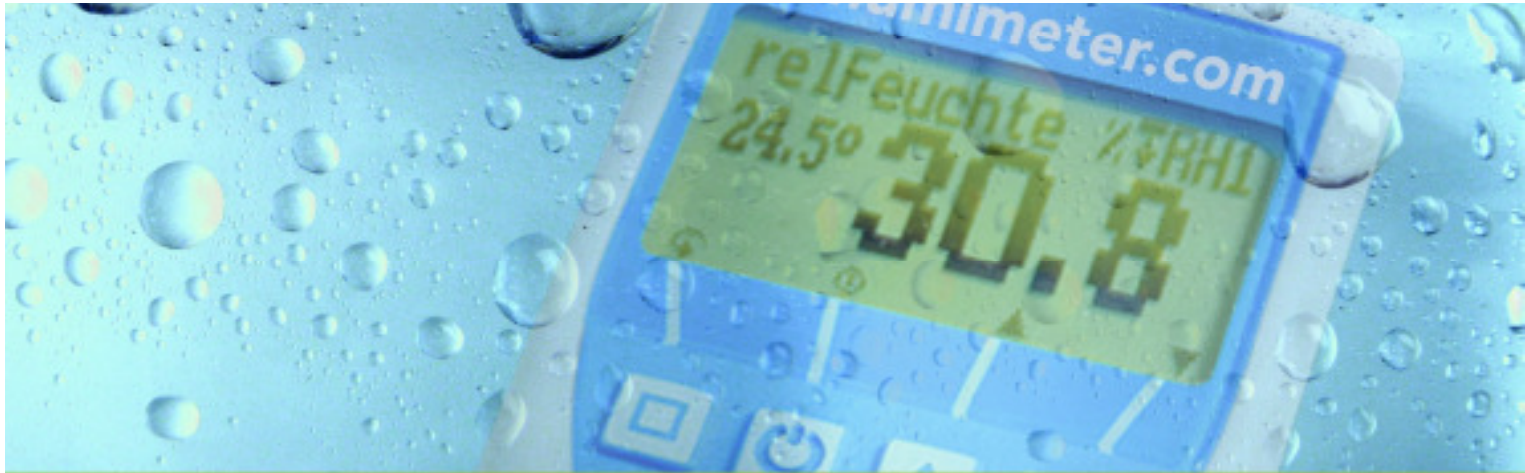


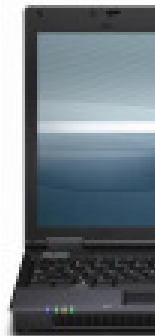


1295 Morningside Avenue, Unit 16-17
Toronto, ON M1B 4Z4 Canada
Phone: 416-261-4865 Fax: 416-261-7879
www.scigiene.com



LabDry- Automatic system for the determination of water content

Simplifies the measurement of a wide variety of materials by an intelligent software solution



| LabDry | | | | |
|---|--------------|--------------|--------------|---------------------|
| Aktive Messungen | | Archiv | | |
| Neu | Masse | Trocken | Wiegen Setup | Zusatzdaten |
| Messung | | Optionen | | Anwendung |
| Drag a column header here to group by that column | | | | |
| Probenname | Wassergehalt | Trockenmasse | Feucht | Start Messzeit |
| best1 | | | | 19.09.2010 14:55:52 |
| Go | | | | 19.09.2010 14:55:35 |
| best5 | | | | 19.09.2010 14:56:59 |
| best2 | | | | 19.09.2010 14:57:06 |
| best4 | | | | 19.09.2010 14:57:20 |

Your benefits

- Reliable determination of the water content via drying chamber and scale
- Automatic calculation of the water content
- Storage of data in a clearly arranged central data base
- Reading and input mistakes can be avoided
- Measurement of nearly every kind of material by DIN kiln-drying method

Measuring system containing

- Hand scanner with USB interface
- PC software package with moisture calculator
- Barcode labelled aluminium bowls of 0,7 litre
- Optional: drying chamber
calibrated scale
USB/RS232 interface



www.humimeter.com

technical data:

Relative equilibrium moisture content and absolute material moisture

The relative equilibrium moisture content of a material indicates the relative moisture of ambient air equilibrating the material. At that moisture level the material does not absorb or release any moisture. The absolute material moisture indicates the percentage of water content of a material referred to its total weight (measurement of paper, grain, ...) resp. referred to its dry mass (measurement of wood, ...). Almost every material in our surroundings is hygroscopic. This means that the material soaks up moisture from the surroundings or sets it free.

To avoid very costly mistakes due to incorrect moisture levels it is necessary to check the moisture of a material in the manufacturing and treatment process in order to be able to take suitable measures in time.

Due to its longstanding experience in this field and constant research, **Messtechnik Schaller GmbH** has attained the **highest quality** in the development and production of air humidity and material moisture meters for **professional applications**.

Our main areas are: **climate, environment, food, bioenergy, buildings, paper, board** and **various other materials**.

More than 40 000 customer-specific solutions have been designed and produced for industry and university institutions all over the world so far.

Our technicians provide reliable support and are available to answer your questions and solve your technical problems.

LabDry - Automatic system for the determination of water content

Measuring system with PC interface for the determination of water content using scales. Moisture measurement of all kinds of products via DIN kiln-drying method.

Article no. 12176

- Hand scanner with USB PC interface
- PC software package incl. moisture calculator
- 100 barcode labelled aluminium bowls of 0,7 litre

Optional:

- Drying chamber 240l – for a maximum of 112 samples at the same time
- Drying chamber 115l – for a maximum of 70 samples at the same time
- Drying chamber 53l – for a maximum of 20 samples at the same time
- Drying chamber 40l – for a maximum of 16 samples at the same time

Optional:

- Precision scale 2000g / 0.01g; with calibration permission and calibration certificate, PC interface incl. datalink cable
- Precision scale 1000g / 0.01g; with PC interface incl. datalink cable

Know-how obtained through decades of research and development!



A wide range of other instruments and external sensors can be found at www.scigiene.com



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