

# humimeter SG1

Moisture meter for bulk material and powder with insertion sensor for determination in the bulk or in the BigBag. Very well suited for materials such as  $Al_2O_3$  powder, foundry sands, additives and many more.



## SG1 Basic unit (Art. No. 14600)

- Measuring range material-calibration-curves: 1 to 50 % water content (depending on the material)
- Measuring range reference-calibration-curve: 0 to 100 unitless
- Resolution: 0,1 % water content
- Operating temperature: 0 to +40 °C
- Hold function, datalog for 10,000 logs with measuring point report
- Automatic temperature compensation
- Large illuminated LC display
- Menu languages: English, German, French, Italian, Spanish, Russian, Portuguese, Czech, Polish and International
- Dimensions: 150 x 75 x 30 mm; Weight: 270 g (with batteries)

## SG1 Insertion sensor (Art. No. 14924)

- Sensor technology determines dielectric material properties
- Material can trickle freely out of the sensor (no blocking)
- Little influence of bulk density
- Very large measuring range of the detectable water content
- Reference calibration curve available, 8 free bulk material calibration curves pre-installed in the device
- Extremely robust and easy to clean with compressed air
- Perfect for use in big bags, buckets, sacks, chutes or heaps
- Dimensions: 255 x 150 x 70 mm; Weight: 1.6 kg
- Pluggable connection cable of 1.5 m length

**Optional:** Laboratory order Art. No. 11217 to create a calibration curve for a specific material

**Accessories - possible extensions:** humimeter USB data interface module with LogMemorizer measurement data acquisition and evaluation software on USB stick including USB cable for PC, printer



Climate



Food



Bioenergy



Material



Buildings



Paper/Board

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Subject to technical changes. Illustrations do not take version-related changes into account.