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Food

humimeter FSW

Grain moisture meter with hectoliter weight determination

Whole grain meter with integrated hectoliter weight determination and sample temperature measurement for agriculture, trade, food and animal feed industry

NEW!

78,0°F | 6,16% | 456kg/m³ | −27,3td | 0,64aw | 51,9%r.H. | 14,8%abs | 100,4g/m² | 09m/s | 4,90Ugl | 163ym | 23,2°C | 78,8°F | 6,21% | 424 kg/

AUSTRIA

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Powerful device for the precise determination of moisture content and hectoliter weight, particularly suitable for measurements directly in the field.

This universal measuring device is ideal for grains such as corn, wheat, durum wheat, rye, barley, oats, soybeans, rapeseed, hulled spelt, hulled spelt, unhulled and hulled buckwheat, millet and sorghum, as well as sunflower seeds, pumpkin seeds, unhulled and hulled rice, brown rice, field peas, horse beans, and roasted coffee. Other varieties are available upon request.

The FSW moisture meter is calibrated according to the reference procedures EN ISO 6540 (corn), EN ISO 665 (oilseeds), EN ISO 712 (grain) und EN ISO 24557 (legumes and beans).

Features

- Measuring range: 5 to 40 % water content and 30 to 90 kg/hl (depending on product type)
- Resolution: 0.1 % water content and 0.1 kg/hl hectoliter weight
- Calibration accuracy water content to reference material: +/- 0.4 %
- Calibration accuracy hectoliter weight to hectoliter measuring spout: +/- 0,7 kg/hl
- Compensation through integrated hectoliter determination and sample temperature measurement
- Average sample quantity: 330 g (depending on product)
- Non-destructive measurement
- Very fast measurement, no sample preparation necessary
- Clean work thanks to filling funnel
- Hold function, manual saving of results for 10,000 values with measurement print report
- Offset option
- Integrated USB interface
- Dimensions of FSW: 250 x 80 x 180 mm
- Dimensions of filling funnel: 160 x 100 x 25 mm
- Weight: 1.7 kg
- Power supply: 4 pcs. Alkaline AA batteries 1.5 V
- Scope of delivery: *humimeter* FSW with integrated USB interface, filling funnel, measuring cup 0.5 liter, batteries, softcase

Measuring procedure:

In order to achieve precise measurement results, the material being measured should have approximately the same temperature as the device. After automatic adjustment and selection of the desired characteristic curve, the measurement process can begin. The filling funnel provided enables the measuring chamber to be filled cleanly. This should be filled flat; any remaining material can be easily removed using the movable part of the filling funnel. Within seconds of starting the measurement, the measured value is displayed and can be saved on the device.

Take advantage of the non-destructive measurement method, which takes seconds, and perform multiple measurements of the same sample. The device automatically calculates the average value when the individual measured values are saved.

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All products can be found at: www.humimeter.com