

| | Humimeter FS1 | Humimeter FS1.1 | Humimeter FS2 | Humimeter FS3 | Humimeter FS4 |
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| Article Number | 11752 | 12819 | 11753 | 12291 | 11725 |
| Application | Whole grain moisture meter with small sample quantity and sample temperature measurement for field control in agriculture. | Whole grain moisture meter with small sample quantity and sample temperature measurement for field control in agriculture. | Whole grain moisture meter with 300 grams sample quantity and sample temperature measurement for agriculture, trade, food, and feed industry. | Whole grain moisture meter with 300 grams sample quantity and sample temperature measurement for producers, trade, and food industry. | Whole grain grain moisture meter with 300 grams sample quantity and sample temperature measurement for agriculture, trade, seed breeding, research, laboratories, food, and feed industry. |
| Calibration Curves | Corn, rye, triticale, wheat, barley, oats, rapeseed, soybeans, horse beans, sunflower seeds, sorghum, mustard seed, hulled buckwheat, hulled and unhulled rice, hulled raw coffee, and roasted coffee. | Corn, rye, triticale, wheat, barley, oats, rapeseed, soybeans, horse beans, sunflower seeds, sorghum, mustard seed, hulled buckwheat, hulled and unhulled rice, hulled raw coffee, and roasted coffee. | Corn, hand corn, rye, triticale, durum, wheat, hulled spelt, barley, oats, rapeseed, pumpkin seeds, feed peas, soybeans, runner beans, horse beans, jatropha, sunflower seeds, hulled and unhulled buckwheat, hulled, unhulled, and brown rice, sorghum, and millet. Additional products upon request. | Treated raw coffee, hulled and unhulled, roasted coffee ground and unground, cocoa beans, poppy seeds, pumpkin seeds, feed peas, soybeans, runner beans, wheat, durum, rapeseed, hulled, unhulled, and brown rice, flaxseed, sesame, hulled and unhulled buckwheat, sorghum, and millet. Additional products upon request. | Corn, hand corn, rye, triticale, wheat, durum, hulled spelt, barley, oats, rapeseed, pumpkin seeds, feed peas, soybeans, runner beans, horse beans, sunflower seeds, jatropha, hulled and unhulled raw coffee, ground and unground roasted coffee, hulled, unhulled, and brown rice, poppy seeds, sorghum, millet, hulled and unhulled buckwheat. Additional products upon request. |
| Measurement Range | 5 to 30% moisture content (material-dependent) | 5 to 25% moisture content (material-dependent) | 5 to 40% moisture content (material-dependent) | 0 to 40% moisture content (material-dependent) | 0 to 50% moisture content (material-dependent) |

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| Resolution | 0.1% moisture content | 0.1% moisture content | 0.10% | 0.10% | 0.10% |
| Calibration Accuracy | +/- 0.7% | +/- 0.9% | +/- 0.4% | +/- 0.4% | +/- 0.4% |
| Compensation | Sample temperature measurement | Sample temperature measurement | Hectoliter compensated and sample temperature measurement | Hectoliter compensated and sample temperature measurement | Hectoliter compensated and sample temperature measurement |
| Memory Function | Hold function | Hold function | Hold function | Hold function | Online function, hold function, manual data storage for 10,000 values with location description |
| Dimensions | 155 x 75 x 90 mm | 155 x 75 x 90 mm | 260 x 70 x 250 mm | 260 x 70 x 250 mm | 260 x 70 x 250 mm |
| Weight | 360 g (with batteries) | 360 g (with batteries) | 1.3 kg (with batteries) | 1.3 kg (with batteries) | 1.3 kg (with batteries) |
| Power Supply | 4 alkaline AA batteries 1.5V | 4 alkaline AA batteries 1.5V | 4 alkaline AA batteries 1.5V | 4 alkaline AA batteries 1.5V | 4 alkaline AA batteries 1.5V |
| Offset Function | Calibration curve adjustment | - | Calibration curve adjustment | Calibration curve adjustment | Calibration curve adjustment |
| Menu Languages | German, English, Italian, French, Spanish, Portuguese, Czech, Polish, Hungarian, Russian, International | German, English, Italian, French, Spanish, Portuguese, Czech, Polish, Hungarian, Russian, and International | German, English, Italian, French, Spanish, Portuguese, Czech, Polish, Russian, International | German, English, Italian, French, Spanish, Portuguese, Czech, Polish, Russian, International | German, English, Italian, French, Spanish, Portuguese, Czech, Polish, Russian, International |

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| Scope of Delivery | Digital scale, 0.25 L measuring cup, plastic case, and batteries | Digital scale, 0.25 L measuring cup, and batteries | Rubber protection, digital scale, plastic case, 0.5 L measuring cup, and batteries | Digital scale, plastic case, 0.5 L measuring cup, rubber protection, and batteries | Humimeter FS4, humimeter USB data interface module with LogMemorizer data acquisition and analysis software on USB stick, including USB cable for PC, digital scale, plastic case, 0.5 L measuring cup, rubber protection, and batteries |
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| | Humimeter FL1 | Humimeter FL2 | Humimeter FLS |
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| Article Number | 12245 | 14000 | 13950 |
| Application | The FL1 primarily functions as a hay moisture meter and hay probe. The FL1 is equipped with a fixed 0.6-meter-long hay measuring probe (rod electrode). | Hay and straw moisture meter with a very stable, fixed 0.6-meter rod electrode made of stainless steel. Calibration possible for special materials such as cellulose, tobacco, alfalfa, etc. | Robust moisture and temperature haystack probe with a two-meter length, divisible. The Humimeter FLS allows easy moisture and temperature control even in deep layers of the haystack. |
| Measurement Range | 8 to 40% moisture content | 8 to 60% moisture content (material-dependent) | 8 to 30% moisture content |
| Resolution | 0.5% | 0.1% | 0.1% |
| Calibration Accuracy | +/- 1.0% | +/- 0.8% | +/- 0.8% |

| | Humimeter FL1 | Humimeter FL2 | Humimeter FLS |
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| Temperature Measurement Range | -20 to +85°C | -20 to +120°C (only measuring tip) | -20 to +120°C (only measuring tip) |
| Power Supply | 4 alkaline AA batteries 1.5V | 4 alkaline AA batteries 1.5V | 4 x 1.5V AA alkaline batteries |
| Dimensions | 740 x 65 x 40 mm | 740 x 65 x 40 mm | 854 x 692 x 282 mm |
| Weight | 450 g (including batteries) | 450 g (including batteries) | 1200 g (with batteries) |
| Menu Languages | German, English, Italian, French, Spanish, Portuguese, Czech, Polish, Russian, International | German, English, Italian, French, Spanish, Portuguese, Czech, Polish, Russian, International | German, English, Italian, French, Spanish, Portuguese, Czech, Polish, Russian, International |
| Scope of Delivery | Humimeter FL1, rubber protection, and batteries | Humimeter FL2, rubber protection, wooden case, and batteries, compression plate for loose material | Humimeter FLS with rubber protection, handlebar, and batteries |