

# UNIMETER DIGITAL SPECIFICATION

## 1. Features

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- Measures moisture of a large variety of common cereal grains and oilseeds
- Moisture measurement based on electrical conductivity of grain crushed in an integrated grinder
- Grinder cap with integrated grain measurement cups
- Small sample size suits any use, also pre-harvest
- Automatic averaging of the last 4 measurements
- Automatic temperature compensation
- User adjustable moisture offset calibration, separate for each grain
- Alphanumeric LCD display
- User interface in local languages
- Automatic power-off
- Low battery warning
- Carrying case included

## 2. Technical specification

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- Moisture display resolution: 0.1 % (percentage of water in grain weight)
- Repeatability of moisture measurement: 0.5 %-points (with grains similar to storage moisture wheat, at moisture below 18%)
- Measurement method: Electrical conductivity (resistance), factory calibrated using standard oven dry reference methods: ISO 712 (grains), ISO 665 (oil seeds), ISO 6540 (maize). Sampling method for grain calibration is based on ISO 950 and while handling samples we follow ISO 7700-1 and ISO 7700-2.
- Sample size: 9 ml to 18 ml (depending on grain, instructed on display)
- Operating temperature range: 0°C ... 50°C (32°F ... 122°F)
- Battery: 6LR61 or 6LF22 alkaline (9 V)
- Weight (with grinder cap and battery, no carrying case or accessories): 1350 g

## 3. Package contents

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- Unimeter Digital grain moisture meter with grinding cap
- User's manual
- Cleaning brush
- Battery
- Carrying case