



PORTABLE WIRELESS MONITORING SYSTEM FOR GRAIN AND SEEDS

WIRELESS SENSOR SPEAR



Measure the temperature and moisture of your stored crops with a powerful wireless solution

The [Wireless Sensor Spear](#) is a GSM-enabled device that accurately monitors the temperature and moisture of stored crops. Each spear displays its data on the AgroLog App and can be moved wherever it may be needed most.

The AgroLog App sends notifications when critical thresholds are reached, preventing grain loss and reducing risks. The spear works with multiple crops and in various environments. It can be placed, for example in seeds, wood-chips, and multiple grain types.

Key features and benefits



Customizable wireless solution

We care about your needs: the spear is easy to use and move. You can decide how many spears you need to monitor your crops.



Place it everywhere

Our spear can be used for different kind of crops (barley, grain, seeds, etc), and is waterproof.



Avoid damages and losses

You can set notifications for temperature and moisture thresholds. Preventing any kind of damage to your crops.



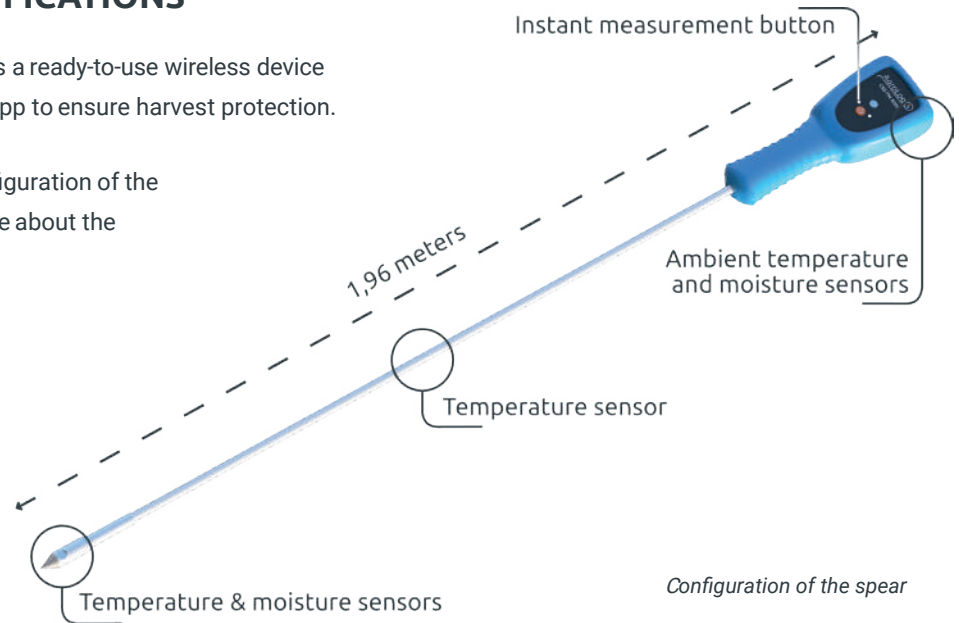
Automatic updates every hour

The spear updates as many times per day as you want. Alternatively you can force a manual measurement when needed.

TECHNICAL SPECIFICATIONS

The Wireless Sensor Spear is a ready-to-use wireless device connected to the AgroLog App to ensure harvest protection.

Below you can see the configuration of the spear and you can read more about the critical specifications.



Configuration of the spear

Measuring range (Moisture): 5 to 50% depending on crop type

Measuring range (Relative humidity): 0 to 100%

Measuring range (Temperature): -20°C to 60°C

Accuracy (Moisture): From $\pm 0.18\%$ moisture to $\pm 0.32\%$ moisture at normal temperature, relative humidity, and depending on crop type

Accuracy (Temperature): $\pm 0.2^\circ\text{C}$

Resolution: 0.1% moisture, 0.1°C temperature

Weight: 580 g

Dimension: 194x10x6 cm

Flexible and sturdy: Fiber glass spear which allows a small diameter for easier insertion

Filter: Stainless Steel

Tip: Aluminium

Battery: D size Farnsley ER34615M/S STD or Saft LSH 20

Battery life: +2 years

AgroLog App

With the [AgroLog App](#) you are always in control of your products and storage, you get real-time insights and a historical overview of your crops.

There is a complete overview of the data collected from all devices at different times. All this information is available in the app and accessible through your smartphone.



Multiple products

Simple overview

Traceability

Customization



Download the app here



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