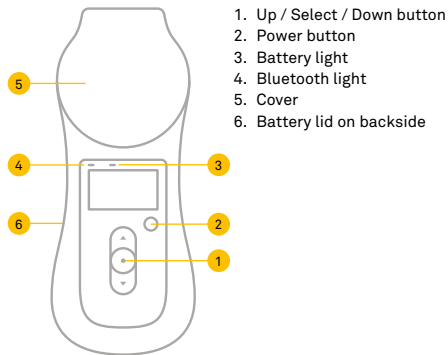## Welcome

Thank you for joining the GrainSense community. It means a great deal to us. GrainSense enables you to track grain quality instantly, anywhere! Know your grain, grow your business.

With this Quick Guide, you can start measuring the quality of your grains in a few simple steps. For more detailed information and troubleshooting, please visit: **www.grainsense.com**

1. Up / Select / Down button
2. Power button
3. Battery light
4. Bluetooth light
5. Cover
6. Battery lid on backside

Download GrainSense App and create an account

GrainSense App serves you in two important ways. It stores all your results, so you can study them later. It also allows you to change the settings on your Analyzer and get all the latest updates and features.

Download App
Go to Apple AppStore or GooglePlay Store with your smartphone.

Search for GrainSense. Download and install the GrainSense application. It's free of charge.

Create account or login
If you're a first-time user, click "Not yet registered". You will be redirected to **www.grainsense.com**

This boring bit only takes a few minutes. If you already have an account, simply click **Sign in**.

Connect the Analyzer to your phone

Turn on Bluetooth and location services

Go to the settings of your smartphone and make sure both Bluetooth and the location services are on.

For the **first connection**, a working internet connection is needed on your smartphone.

Turn on the GrainSense Analyzer and make the connection

Turn on your Analyzer. The blue light on it will blink while it searches for your phone.

In GrainSense App, go to the "Analyzer" tab and click on the button **Connect analyzer.**

The GrainSense App will tell you once it is connected to your Analyzer. The Analyzer blue light will stop blinking and it will **update settings.**

Step 3   Adjust your Analyzer settings from the App

Select the species you want to analyze

In the App "Analyzer" tab, press the button **Select calibration** and choose the species you want to load onto your Analyzer. Your Analyzer will update automatically.

Only 1 species can be loaded at a time.

Configure an IBA if needed

You can use the IBA feature to adjust your GrainSense Analyzer to a local reference. Click on **Configure corrections**.

If needed, you can disable the auto shutdown of your Analyzer.

Step 4   Make a measurement and send it to the App

Make the reference measurement

Press (o), verify that the sphere is empty and press again (o). The reference measurement takes only a couple of seconds.

Load your sample and analyze

Open the cover and load the right amount of grains by using the **GrainSense spoons**.

The sample size depends on the species you are analyzing. Please use the corresponding spoon for:

Wheat: 5ml
Barley: 5ml
Oats: 5ml
Rye: 5ml
Rapesee d: 2.5ml
Sunflower: 5ml
Maize: 2x2.5ml
Soybean: 2x2.5ml

Send the results to the App

Results are displayed on the Analyzer, press (o) twice to send them to the App.

Step 5   Storage and maintenance

When you're done, remember to open the cover and completely empty the sample tray.

To clean the sample tray, remove it by twisting it counterclockwise. Wipe clean with the GrainSense cleaning cloth but do not use liquids.

Please note

The GrainSense Analyzer is designed for outdoor use. Still, it should be kept in its bag at all times. Store in a warm and dry place. Change the batteries when needed.

Connect the Analyzer often to the GrainSense App so you always get the latest updates and settings.

Refer to **Handheld User Manual** for more detailed instructions.

Oh, and please don't drop it.

When Firmware Updates are available, you will be warned in the GrainSense app and be able to download them to your Analyzer Over The Air!