

## Regulatory Compliance Information

### Safety

- 2015/35/EU – Low Voltage Directive (LVD)
- EN 61010-1: 2010

### EMC Immunity

- 2014/30/EU – Electromagnetic Compatibility (EMC) Directive
- EN 61326-1:2012

### RoHS

- 2015/863/EU

### WEEE

- 2012/19/EU

Per FCC 15.21, Changes or modifications not expressly approved by TSI® as outlined in this Quick Start Guide, may void the users authority to operate the equipment.

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PN 6018457 Rev B

[DICKEY-john.com/grainlabgo](http://DICKEY-john.com/grainlabgo)



# GrainLab™ GO

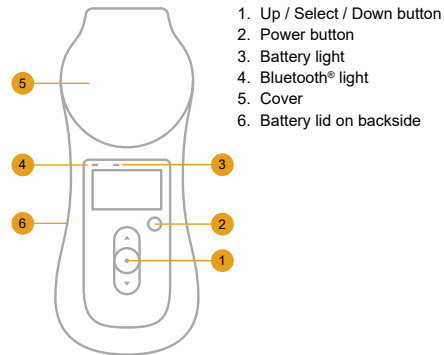


## Quick Start Guide

## Welcome

Thank you for joining the DICKEY-john® community. We are proud to work with GrainSense to deliver this innovative product to you. This solution enables you to track grain quality instantly, anywhere!

With this Quick Guide, you can start measuring the quality of your grain in a few simple steps. For more detailed information, please visit: DICKEY-john.com.



## Step 1 Create an account and download the mobile App

The mobile application 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.



### Create account

Go to DICKEY-john.com/product-activation and activate your account as a GrainLab™ GO user to begin device activation.

Device activation process may take up to 2 business days.

Once your device is activated, you will receive an email to activate your user account.



### Download GrainSense App

Go to Apple AppStore® or GooglePlay™ Store with your smartphone.

Search for GrainSense. Download and install the GrainSense application.

After you have application installed, simply click Sign in.

## Step 2 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 analyzer and make the connection

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

From the main menu in GrainSense GO App, select **Analyzer** from the menu and then press the **Connect Analyzer** button.

The GrainSense GO 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 Grain Type you want to analyze

In the App “Analyzer” tab, press the button Select calibration and choose the grain type you want to load onto your analyzer. Your analyzer will update automatically.

**Only 1 grain type can be loaded at a time.**

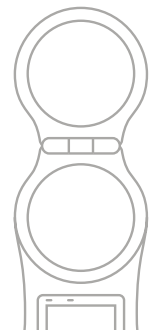
### Configure an bias if needed

You can use the Individual Bias Adjustment (IBA) feature to adjust your analyzer to a local reference. From the Analyzer from, click on **Configure corrections**. IBA are set for each grain type/species.

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 grain.

Species	Sample
Wheat / Barley / Oats / Rye / Sunflower Seeds	1/3 tablespoon (approx. 1 teaspoon)
Canola	1/2 teaspoon
Corn*	2 x 1/2 teaspoon (i.e., 1 teaspoon total)
Soybean*	2 x 1/2 teaspoon (i.e., 1 teaspoon total)

\*Must use glassless tray accessory

### 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 cleaning cloth, but do not use liquids.

### Please note

The analyzer is designed for outdoor use. However, please store in a warm and dry place. Change the batteries when needed.

The analyzer is fast, reliable, and simple to use. Connect it often to the GrainSense App so you always get the latest updates and settings.

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!**