

## Meet SciO Cup

1. SciO Cup
2. Glass Dome
3. Function Button
4. Upper Screw
5. USB-C charger



## Getting Started



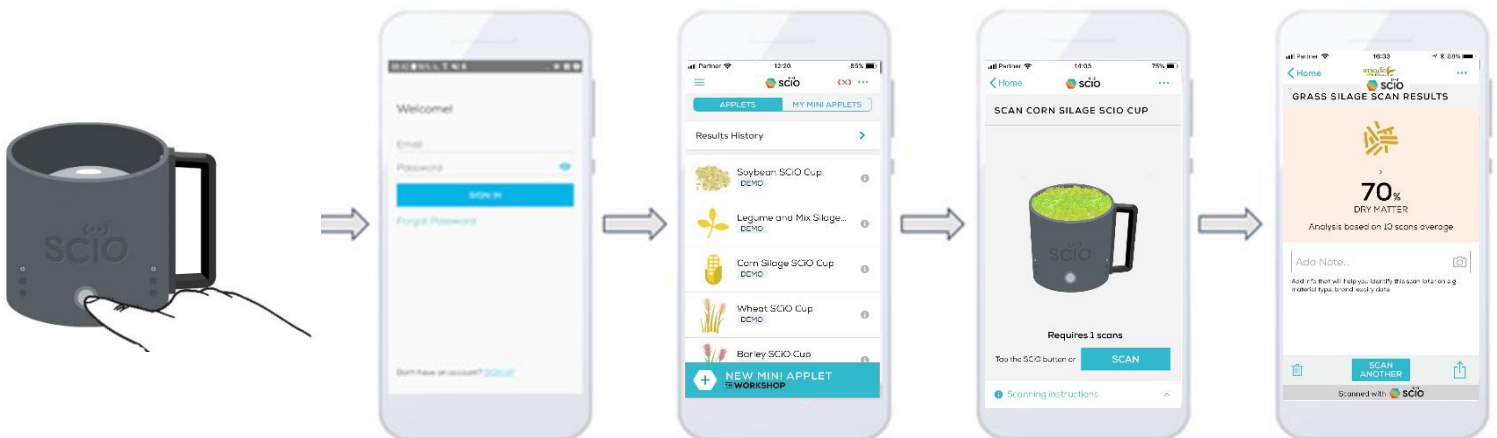
**Charge SciO Cup**

**Download and install the app**

**Turn the Cup on (push button for 2 seconds)**

**Launch the app and follow the onboarding instructions**

## Workflow



**Turn SciO Cup On**

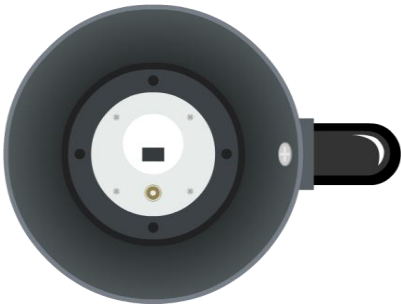
**Log in (required only once)**

**Select the applet**

**Fill the Cup with Silage and hit 'SCAN'**

**See results**

## Sampling



Remove SCiO Cup cover and put it aside.  
 Make sure the dome is clean.  
 Remove small particles if needed



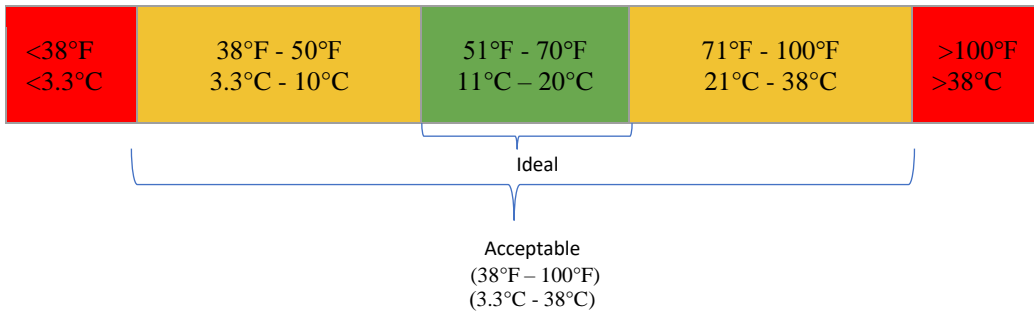
Turn on SCiO Cup by pressing the function button for 2 seconds



Fill the SCiO Cup with silage up to the cup edge

## Sample Temperature

The sample temperature should be within the supported ranges below:



## Best Practices

- Make sure the dome is covered with Silage. Silage surface should align with the edge of cup
- Use the lid when scanning under direct sunlight
- Make sure the cup is clean before and after each scan
- It is recommended to hold the device steady or to place it on a stable surface while scanning
- Storage instructions: Please make sure the cup is stored in its case to prevent exposure of the sensor to direct sunlight for long periods of time

## FAQ

**Q: How would you describe SCiO Cup?**

A: A portable Near Infrared device for feed analysis

**Q: What are SCiO Cup's advantages over existing methods?**

A: It is far more cost effective, faster, smaller and easier to use than any other solution, with the same level of accuracy and precision. Scan silage in the field or right out of storage bins. It takes seconds to measure! Track history and stats. Your analysis is one click of a button away!

**Q: Is it accurate?**

A: SCiO is accurate and consistent! It has been tested against industry's gold standard and has been proven to be just as accurate. Its calibrations are being monitored and updated automatically and continuously using the Cloud.

**Q: Sample temp is in unacceptable range. How much time should it temper?**

A: Let the sample temper for ~ 20 minutes

**Q: What are the functions of the Function Button?**

A: These actions will result in the following functions:

1. Long press (hold 2 sec) - Power on/off
2. Short press- Scan/Calibrate

**Q: How can I add information to a scan record about the conditions, location or other?**

A: In the Results screen you can add a photo and a note to a test result. You can then search for text you have inputted in the scan history. You can also add location information for each scan in the location field and filter the historic results by location.

**Q: Does the application for SCiO support Offline mode scanning?**

A: The answer is Yes! In locations where Internet connection is not available or the connectivity is poor, the application will switch to Offline mode. In this mode the molecular fingerprints are collected, however the analysis is pending. When Internet is back, the session will be analyzed in the Cloud and results will be provided in return. Please note that you must tap the 'Analyze' button to store the session.

**Q: How can I view the scan history?**

A: In the home screen, select the "Results History" located above the list of applets

**Q: How long does the battery charge last for?**

A: SCiO is expected to perform 200 scans on a full charge. It will take about 3 hours to fully recharge SCiO.

**Q: Who do I contact if I have any issue with my SCiO Cup?**

A: Contact us at [support@consumerphysics.com](mailto:support@consumerphysics.com).

## Troubleshooting

**Q: Several readings of the SCiO seem different than what I'd expect. What should I do?**

A: Scan more - either more scans of the same sample or more samples from the same pile.

**Q: I get a 'Material Not Recognized' error when scanning**

A: Check the following:

1. Check that you are using the right applet for the material you are testing
2. Check that the dome and its surroundings are clean.

**Q: I get a "Too Bright, Please rescan" error when scanning**

A: Check the following:

1. Make sure the dome is covered and that the silage level is aligned with the edge of cup
2. Place the lid on the cup and try again

**Q: I get a "Low Signal, Please rescan" error when scanning**

A: The Cup battery is probably drained. Charge SCiO Cup. You can continue to scan during charging.

**Q: The light around the button is flashing yellow and red**

A: The status light indicates the following:

1. Blue - flashing slowly - waiting for connection
2. Blue - flashing rapidly - just connected/disconnected/shut down
3. Blue - constantly on - connected and ready to scan
4. White - scanning/analyzing/calibrating
5. Orange - flashing slowly- pending calibration
6. Red - low battery

If any of the problems persist, please contact [support@consumerphysics.com](mailto:support@consumerphysics.com) and let us know. We will further investigate the issue and resolve it.