

## Fast and Portable Grains Analysis



### Accurate dry matter analysis in seconds

SCiO Cup is the world's fastest lab-grade grains analyzer, combining portability, accuracy and ease of use. It revolutionizes grains analysis by moving decision making out of the lab and into the field, the grain elevator, processing plants, and feed mills, by using Near Infra-Red Spectroscopy (NIRS).

### Smart real-time analysis

#### ● Farmers & Grain Elevators

- Measure grains moisture from harvest time through the drying process
- Test quality (moisture, protein, oil) prior to delivery

#### ● Processing Plants & Feed Mills

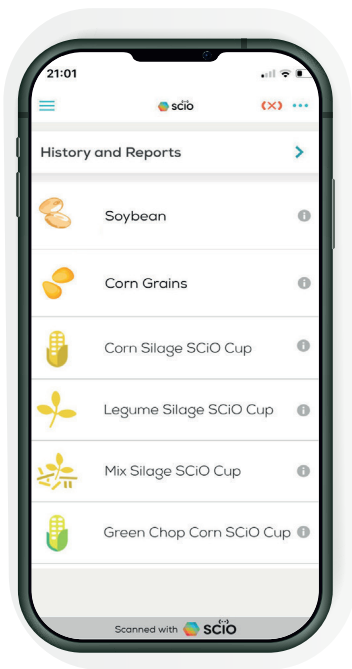
- Measure moisture, protein and oil of incoming oilseeds and other grains
- Map the quality received from various suppliers
- Use frequent tests to properly track received materials and meet internal quality control requirements including FSMA compliance
- Quickly test intermediate and final products. Adjust process accordingly
- Use incoming material and final product tests to improve yield and quality of your final product
- Substantially save costs with better quality control

#### ● Nutritionists and Livestock Farms

- Test feed materials to monitor nutritional quality of feed to livestock
- Properly mix incoming ingredients for better nutritional value and take advantage of least cost formulation



## Fast & Simple



## Cloud-Connected, Mobile Phone Operated

- Operates via mobile phone (iOS, Android)
- Calibration are updated seamlessly and continuously in the cloud
- A single cloud-based calibration supports an unlimited amount of units in the field
- All scans are saved in your cloud account
- Web-based dashboard enables you to:
  - Manage users within your organization
  - Monitor user activity in real-time
  - Review past results and trends

## Specifications

- Scan more than 2000 samples on one charge
- Charging via USB cable (provided)
- Rugged and shock resistant, designed for in-field applications
- Offline mode enables scanning and getting results when back online
- App connects to SCiO Cup via Bluetooth

## Hardware

- SCiO Cup unit dimensions: H: 17cm , D: 16cm,
- Optical scan time: 1.2 sec
- Full analysis time: 7 sec
- Operating temperature: 40°F-105°F (5°C-40°C)
- Wavelength range: 740 – 1050 nm
- Light source: Tungsten lamp
- Sensor: CMOS sensor