

# G3200 Near-Infrared Analyzer



G3200 Near-Infrared Analyzer is applicable to the fast, non-destructive and multi-index quantitative testing and analysis of the acquisition, storage, processing and breeding of wheat (flour), soybean, corn, paddy, rice, rapeseed and other grains. To provide a rapid testing method for grain quality identification. The instrument can be used in laboratory, workshop and other different places.

## TESTING ITEMS

- **WHEAT:** Moisture,Protein,Wet gluten
- **RAPESEED:** Moisture,Protein,Fat
- **RICE:** Moisture,Protein,Amylose
- **SOYBEAN:** Moisture,Protein,Fat
- **CORN:** Moisture,Starch,Protein
- **FLOUR:** Moisture,Protein,Ash
- **ORYZA SATIVA:** Moisture,Protein, Amylose
- **SOYBEAN FLOUR:** Moisture,Protein,Fat

## TECHNICAL PARAMETER

- **Spectral Range:** 680-1050nm
- **Res:** Superior to 4nm
- **Automatic Switching Optical Path:** 18mm、 25mm、 29mm,Horizontal sample cell: 4mm、 9mm、 29mm
- **Detector:** Silicon diode array
- **Measurement Method:** Transmission,measurement can detect up to 5-25 sub-samples per time
- **Product Size:** 587mm×379mm×516mm

## Advantages & Characteristics

- **Better Performance:** Spectral resolution is superior to 4nm
- **Robotization:** Automatic optical path automatic adjustment, sample detection mode switching more convenient and fast
- **Breeding Detection:** Support a small amount of sample injection to realize breeding detection
- **Traceability:** Dockable to grain and oil traceability management platform at all levels
- **Efficient & Fast:** Detecting time 1-3mins, simultaneously measure a variety of indicators of the sample, greatly shorten the detection time.
- **Scientific Precision:** The equipment uses patented testing technology,automatic acquisition of 5-25 subsamples for analysis, combined with advanced priority algorithm, the detection accuracy and stability are improved
- **No damage:** No need grinding, whole grain can be detector
- **Convenient Operation:** 10.1inch touch screen, Intelligent operating system
- **Intelligent analysis:** Equipped with special analysis software, Self-check, Model correction,Wavelength correction,Testing,Auto generate Report and other functions
- **Intelligent control:** Equipped with intelligent monitoring software, with power prompt, temperature and humidity monitoring, sample temperature automatic calibration, spectrum adaptive balance