



广东星创众谱仪器有限公司

GUANG DONG SPECTRASTAR INSTRUMENTS CO., LTD.

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, Lysine, Methionine, Threonine and other amino acids
- **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



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