G1200
Portable Near-Infrared Analyzer

CORN

WHEAT

ORYZA SATIVA

SOYBEAN

RICE

G1200 Portable Near-Infrared Analyzer is applicable to the fast, non-destructive and multi-index quantitative testing and analysis of the acquisition, storage and processing of wheat (flour), soybean, corn, rice and other grains. To provide a rapid testing method for grain quality identification. The instrument can be used in laboratory, workshop, field and other different places.

TESTING ITEMS

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

TECHNICAL PARAMETER

- **Detection method:** Near-infrared spectral transmission technology
- **Splitting method:** Fixed grating without moving parts
- **Detector:** 256 pixel silicon diode array detector
- **Wavelength range:** Including 700-1050nm
- **Detection time:** Less than 2 minutes
- **Display screen:** Intelligent touch screen
- **Working temperature:** -10 ℃~40 ℃
- **Instrument size:** 210X300X228mm
- **Battery:** High capacity lithium battery
- **Weight:** Less than 7kg
- **Running memory:** 1G
- **Storage capacity:** 8G
- **Function:** With instrument online diagnosis function; It can achieve the integration of various levels of agricultural product traceability management platforms and enterprise data management systems; Can achieve optimization of networked remote services.