



Composition
Analyzer

NIR Grain Analyser
Model AN-920
(Pre-calibration version)

*Non Destructive measurement
Moisture, Protein & Fat (Oil)*



NIR Grain Analyzer Model AN-920 (Pre-calibration version)

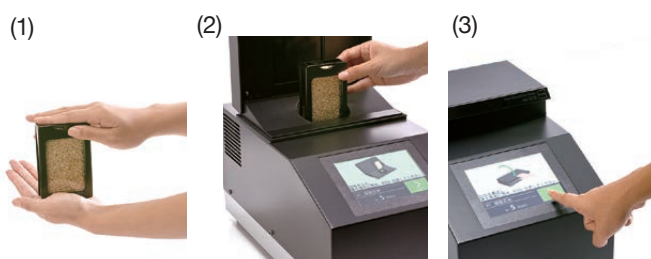
Based on Near Infrared Transmittance, AN-920 allows easy measurement moisture, protein, fat (Oil) and other compositions in whole grain and organic materials.

Thanks to optional calibration software, even non-specialist can make calibration curves easily for any grain-samples and other organic materials such as food, medicines, tea and so on.

Another characteristic point is to make on-site measurement possible thru optional inverter via DC12-24V out-put of truck, harvester and ordinary passenger car.

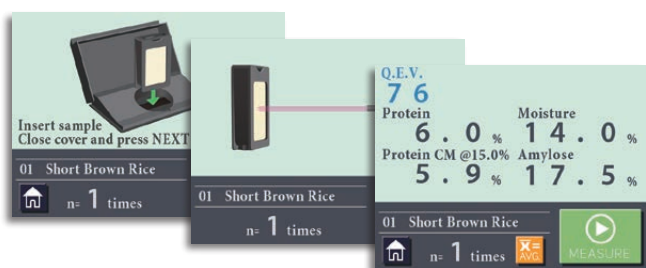
• Easy operation

- (1) Fill the case with sample grains.
- (2) Set the sample case following the displayed instructions.
- (3) After a key operation, the analysis will be completed in approximately 40 seconds.

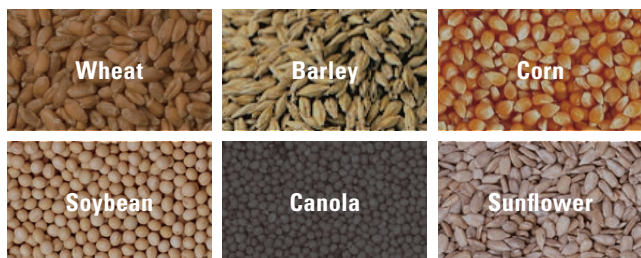


• Large touch panel

5.7" color LCD allows easy to see the measurement results. Also, helps operators by displaying the next procedure.



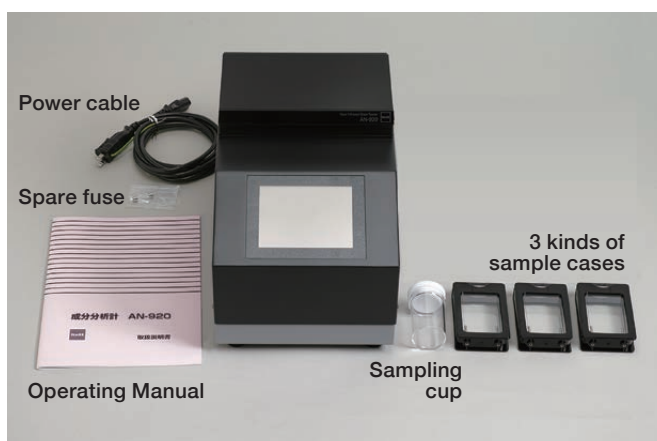
• For a wide variety of samples



■ Specifications

| | |
|--------------------------------------|--|
| Measurement method | Near-Infrared transmittance |
| Light source | Tungsten lamp (bulb life: 20,000 hours) |
| Applications | Wheat, Barley, Corn, Soybean, Canola, Sunflower |
| Compositions | Moisture, Protein, Fat (oil) |
| Sampling amount | Approximately 60 mL |
| Number of calibration curve memories | 4 components x8 channels |
| Measuring time | Approximately 40 sec. |
| Operating temperature | 10 to 35 °C |
| Display | 5.7" Color LCD touch panel |
| External output | RS-232C, USB, TCP/IP |
| Power supply | 100 V - 240 V AC (50/60 Hz) |
| Maximum power consumption | 40 W |
| Dimensions and weight | 230 (W) × 400 (D) × 250 (H) mm, 8.5 kg |
| Accessories | Power cable (100V or 220V), Spare Fuse, Sample cases (3 kinds of versions), Sampling cup, Operating manual |
| Options | Printer "VZ-800", Sunflower husker, Inverter, Data logger software "NDL-02", Calibration Software |

■ Accessories



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Management system enhancement department of the Japanese Standards Association (JSA) registers the Quality Management System of the above organization, with conform to JIS Q 9001, ISO 9001.

The scope of the registration.

Design, development and production management, calibration and repair of Moisture testers, NIR composition analyzers, Grain inspectors and Coating thickness testers.

Contact