

S21

rice statistical analyzer

A proper analysis of rice grain samples is an essential step in assuring not only the quality of the finished product but also the total efficiency of your industrial process. Only through accurate testing it's possible to verify if the rice you're milling really meets the standards for identity, purity and dimensions that your clients expect from your product.



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FAST - Complete analyses of 100 grams rice samples in less than 2 min

EASY - User-friendly interface

ACCURATE - High level of repeatability in the results

FLEXIBLE - Totally configurable and adaptable to specific needs

The S21 has been operating in the rice business for 10 years all over the world. The relationship with our clients is something we put a great deal of time at, we remotely guide the installation of the system and offer all the necessary support whenever is necessary.

As soon as a rice sample is run by the S-21 its software opens a window on the computer screen where it is possible to see the images of all and each grains in it. The system is designed to meet international grading standards but it's also configurable for getting more personalized ones. It performs measurements of length, width, color defects, chalk area, insect pecking as well as total and vitreous whiteness. All the results are highly repeatable, can be stored in a database and exported to pdf spreadsheets.

Visit our website and watch some videos of the S-21 in action and check some testimonials of our clients.

www.s21solutions.com



Some rice defects spotted and analyzed by the S21



Technical specifications of the S21 (hardware)

- Rice Grain Digital Image Capture;
- Maximum resolution: 640x480pixels;
- Frame Rate Operation: 30fps;
- Color System: RGB;
- 1394A FireWire Data Connection;
- Vibration System: Electromagnet 220v 50-60Hz;
- Vibration Ramp: Cast Iron Base, Steel Mounting and Steel Base Acrylic.;
- Case: Stainless Steel;
- LED Lighting System;
- Industrial Switchgear 12V 2nd;
- Operating Temperature: 3 to 50C;
- Storage Temperature: -10 to 60C;
- Max power consumption 50W;

Supplied Accessories:

- Calibration Kit: Allen key set, white lane, blue lane, calibration cards, magnet, one sample cup, one 50g rice sample, microfiber towel.
- A PCI Express FireWire Card
- One Tripolar Power Cable

System Specifications S21:

- Classification Version 4.75;
- Compatible with Windows 7 and Windows 10.



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