

MiCROTM Grain Analyzer

Analyses A to Z of Grains

WHITE RICE

STEAM RICE

PARABOILED RICE



BROWN RICE

PADDY

FORTIFIED

Redefining the Grain Quality Analysis for the Grain Industry
Powered by Computer Vision and Artificial Intelligence.



Clients
800+ (Globally)



Accuracy
99% (Accuracy of measurement)



Simplified
100% (User friendly)



Support
24/7 (Online/Offline Support)

ABSOLUTE
ACCURATE
VERIFIABLE



PROCESSES

BOILED RICE



Average Length

Average Width

Average L/W Ratio

Broken (Weight %)

Whiteness Index

Chalky (Weight %)

Discolour Grains (Light & Dark) (Weight %)

Damaged Grains (Weight %)

RAW RICE



Broken(Big & Small Broken)

Fortified Percentage

Damaged Grains

Discoloured Grains

Pin Damaged Grains

Chalky Grains

AdMixture

All results in Weight %age

BROWN RICE



Average Length

Average Width

Average L/W Ratio

Broken (Weight%)

Chalky (Weight%)

Dark Green Grains (Weight%)

Light Green Grains(Weight%)

REJECTION RICE



Good Wand Grains

Good Broken Grains

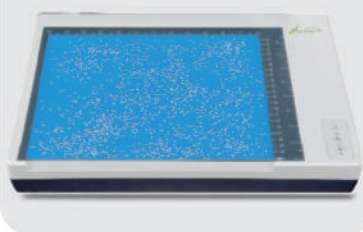
Bad Wand Grains

Bad Broken Grains

Three steps and less than a minute to get the accurate and reliable results of the samples

1

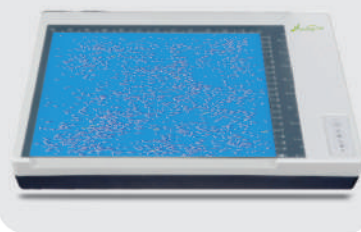
PREPARE



Put your grain sample on the scanner.

2

PROCESS



Execute the Grainalyzer AI & computer vision powered software

3

PROBE

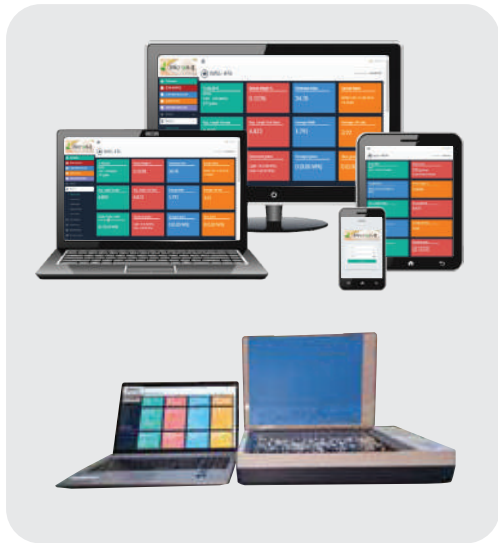


View the results in less than a minute or export them to pdf, excel or send an email for further analysis.

Fully Customizable & Configurable For New Commodities

MiCROTM Grain Analyzer

Analyses A to Z of Grains



Micron II

Items: A Laptop, A CCD Scanner, A Frame, Micron II Grain Analysis Software

Inspection Area: 8.3in x 11.7in

Sample Size: Upto 20 Gms

Potential Users: All Basmati & Non-Basmati Rice Millers, Exporters, Traders, Brokers, Storage Agencies, Banks, Mortgage Firms, Institutions, Government Procurement Agencies.

MGA-PDS

Product: MGA-PDS, an integrated Single unit Machine for analysing the Quality of the rice. The results are presented and validated as per FCI norms.

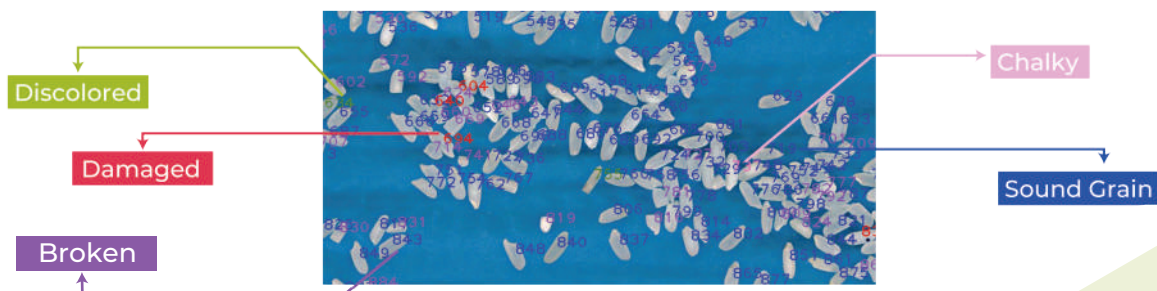
Inspection Area: 11.7in x 16.5in

Sample Size: Upto 50 Gms

Screen type: Touch or Normal

Potential Users: All Basmati & Non-Basmati Rice Millers, Exporters, Traders, Brokers, Storage Agencies, Banks, Mortgage Firms, Institutions, Government Procurement Agencies.

Optional Add On: Integrated Weighing scale



Micron Global Mobile App



Micron Global – Android App

A mobile app for Android that allows users to access analysis results conveniently. The app syncs automatically with the Micron Software, ensuring that users have real-time access to the data on their phones or tablets

Our Clients :



Our Commitment

To provide a simple and efficient solution to customers that delivers absolute, reliable, accurate and reproducible results.

SCAN BELOW FOR LIVE DEMO

HINDI



ENGLISH



IW Software Solutions Pvt. Ltd.

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