

Profile 3D

The **Profile 3D** was designed specifically for seed development research stations and laboratories.

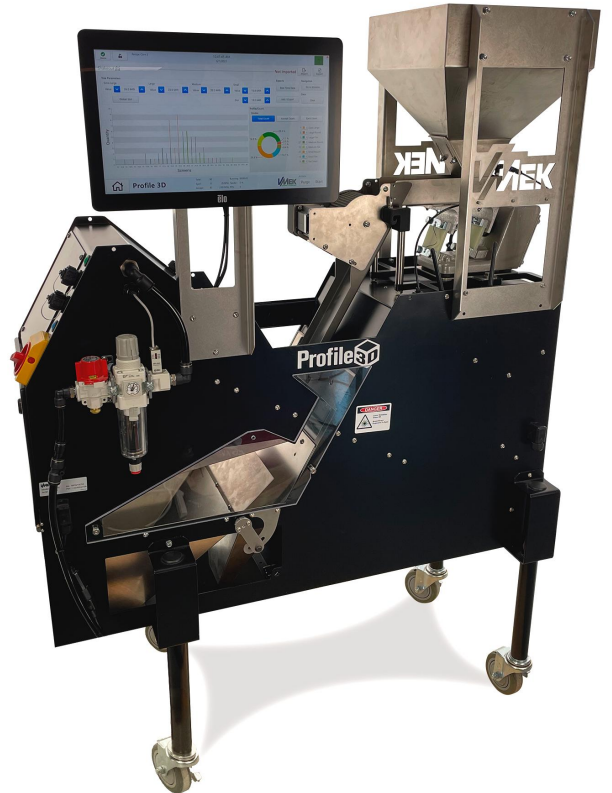
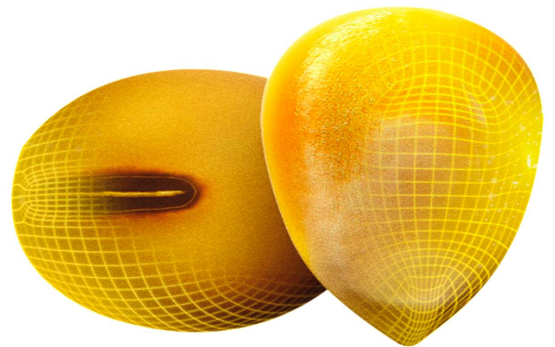
With a focus on precision agriculture, the purpose of this equipment is to accurately capture information about the size of seeds and project them in a three-dimensional way, bringing information widely used to improve crop results after planting. Currently, its applications are aimed at large harvests, such as corn and soybeans, however, we can create customized recipes for other harvests.



The Profile 3D can analyze each part individually, to capture the spatial data that will be applied in the seed size distribution within a sample. The data is compared with predefined parameters, classified by 1/64" screen and to choose the ejection of the defined size, if necessary.

The Profile 3D uses data provided by cameras and laser lighting to generate in real-time the three-dimensional model of each analyzed part. The recorded data can be tracked in real-time to define the criterion of seed selection, view on the equipment monitor, or exporting the analytical data for an even more accurate analysis.

The **Profile 3D** uses a digital screen capable of measuring the length, width, thickness, and diameter of each part, with micrometer precision, classifying seeds according to the corresponding screen, between oblong and round, for example, in addition to secondary ones that can be divided for even more publicized analyzes.

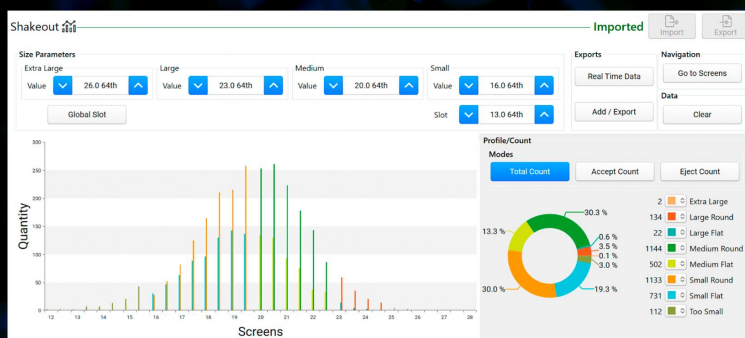


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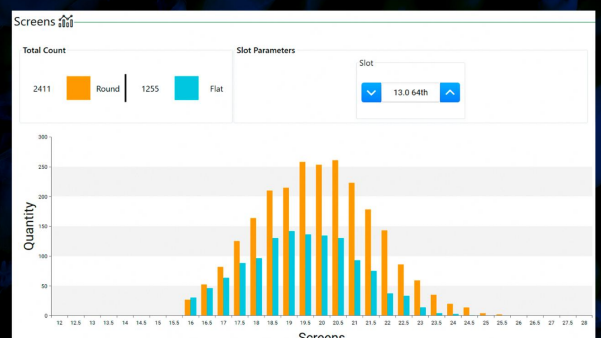
Being prepared for Industry 4.0, Profile 3D can be run as a stand-alone machine or integrated into an automated system.

- Capture accurately all the seed size measurements with micrometers.
- Stores information for up to 1 million parts
- 15-inch color touch screen with intuitive user interface
- Sorts by 1/64" screen and selects with precision.
- Real-time data.

SCREENS WITH INFOGRAPHICS OF THE PROFILE 3D MACHINE



CLASSIFICATION



STRAINER

Requirements

Dimensions (L, W, T):	452mm x 1051mm x 1495mm / 17.8 x 58.9 x 41.4in
Power Requirements:	115/230 VAC - 50 / 60Hz
Air Requirements:	1 - 10 CFM @ 90 PSI
Operating Temperature:	45°C / 113°F (max.)

CONTACTS:

