

Datasheet MARViN VisionLine

The **MARViN VisionLine** seed analyzer is a measuring system to analyze samples of seed regarding size, shape and weight. It is a batch measuring. The seeds will be filled in the seed tray. The number of the seeds are depend of the seed size. After the optical measuring process the seed tray will be emptied and weight. The scale is connected to the MARViN system. The measured value appeared in the protocol.

The MARViN VisionLine comes with the MARViN⁷ software, a free configurable seed analyzing software. The MARViN VisionLine can be operated with the same specifications as the MARViN ProLine II

- total number of seeds in the sample
- thousand grain weight (TGW)
- grain dimension (length, width, area)
- **generating of a colour documentation image**
- **detection and evaluation of colour abnormalities**
- size fractions (length, width, area)
- Calculation of the hectoliter weight
- single seed data
- formular editor to calculate limit parameters
- formular editor to create new calculated parameters
- Purity detection, detection of certain seeds
- Preconfigured connecting of:
Electronic scales, printers, barcode-reader
- Data export for
All measuring data, single seed data
*.xls, *.csv, *.txt format
Database (via ODBC)



Applications:

Seed phenotyping
Seed Quality Assessment
Agricultural Research
Seed Production and Processing
Seed Breeding Programs
Quality Control in Seed Industry

Benefits:

Improve seed quality and yield
Increase efficiency in seed processing
Facilitate data-driven decision-making
Reduce manual labor and human errors
Documentation image for publications

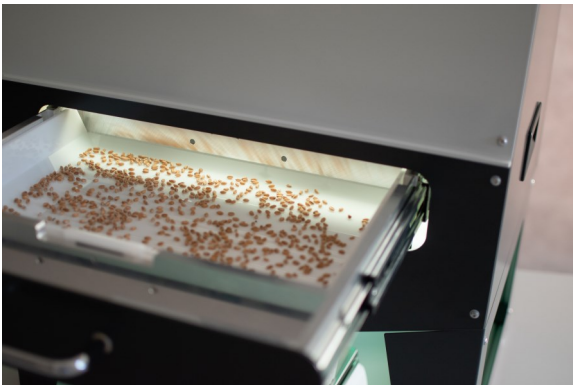
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Specifications:

- Seed Types: Suitable for various seed types > 1 mm², incl. grains, vegetables, flower, tobacco
- Seed Tray Capacity: around wheat 500 kernels
- Counting accuracy: 99.5% at least
- Power Supply: 100-240V (50-60Hz) with external power unit
- Interface: User-friendly interface with intuitive controls and display.
- Dimensions: 54x44x82cm; 21x18x32inch (WxDxH)
- Weight: 32 kg (70bs)
- Computer requirements: WIN 10 or higher, 1 USB port (The computer is not part of the MARViN VisionLine)

Spare parts / Accessories

- Seed tray MARViN VisionLine
- Seed tray cleaner



Ordering Information: Please contact our sales team or authorized distributors to place your order or request a quote for the MARViN VisionLine. We offer competitive pricing, reliable customer support, and on-time delivery to meet your requirements.

Disclaimer: The MARViN VisionLine is a precision instrument designed for accurate seed counting and testing. However, results may vary based on the quality and characteristics of the seeds being tested. Please refer to the user manual and follow recommended guidelines for optimal performance.

Note: Product specifications and features are subject to change without prior notice as part of our commitment to continuous improvement and innovation. Other devices (e.g. computer or weighing scale) are for illustration purposes only and are not part of the MARViN VisionLine.

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