

Datasheet MARViN BasicLine^{PLUS}

The **MARViN BasicLine^{PLUS}** seed analyzer is a measuring system to analyze samples of every kind 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 software generate further parameter and is part of the MARViN system.

The MARViN BasicLine^{PLUS} comes with the MARViN⁶ software, a free configurable seed analyzing software.

Key Features:

- total number of seeds in the sample
- thousand grain weight (TGW)
- grain dimension (length, width, area)
- determination of dark or bright seeds (for flat seeds)
- 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



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Specifications:

- Seed Types: Suitable for various seed types > 0.4mm², incl. grains, vegetables and small seeds
- 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: 53x36x26cm; 21x14x10inch (HxWxD)
- Weight: 12kg (25lbs)
- Computer requirements: WIN 10 or higher, 1 USB port (The computer is not part of the MARViN BasicLine^{PLUS})

Spare parts / Accessories

- Seed tray MARVIN BasicLine
- Seed tray cleaner
- Hard plastic trolley case



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

Disclaimer: The MARViN BasicLine^{PLUS} 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. The computer is for illustration purposes only and is not part of the MARViN BasicLine^{PLUS}.

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