

## Datenblatt MARViN BasicLine

The MARViN BasicLine seed tester is designed for reliable and cost-effective seed counting and testing. This advanced device utilizes optical technology to provide accurate measurements of the TSW for different seed sizes. With its user-friendly interface and innovative features, the MARViN BasicLine seed tester is an indispensable tool for agricultural research, seed processing, and quality control.

### **Key Features:**

**Counting:** The MARViN BasicLine employs high-resolution imaging to accurately count seeds, ensuring precise data for your analysis.

**TSW Measurement:** The device calculates the Thousand Seed Weight (TSW), a crucial parameter in seed quality assessment, helping you make informed decisions in your seed production process.

**Average Size Calculation:** By leveraging its sophisticated algorithms, the Optical Seed Tester calculates the average seed size, streamlining your evaluation process.

**Broken Seed Detection:** Detect and identify broken or too small seeds, ensuring only viable seeds are used for further planting or processing.

**Dust & Dirt Filter:** The built-in filter system prevents dust and dirt interference, providing clean and reliable results.

**Seed Tray Moving by Hand:** The device features a convenient manual seed tray movement mechanism, allowing users to position seeds accurately and effortlessly



### **Applications:**

- 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

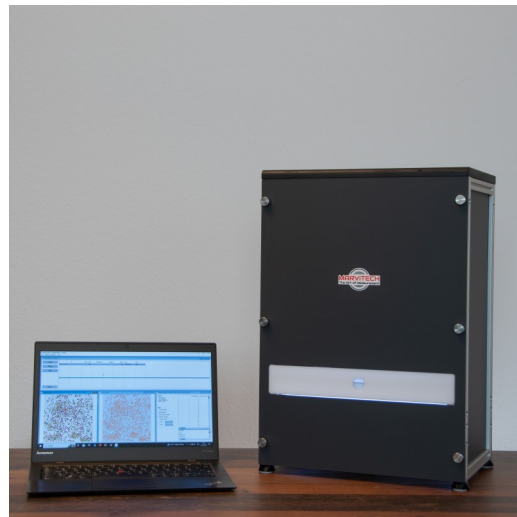
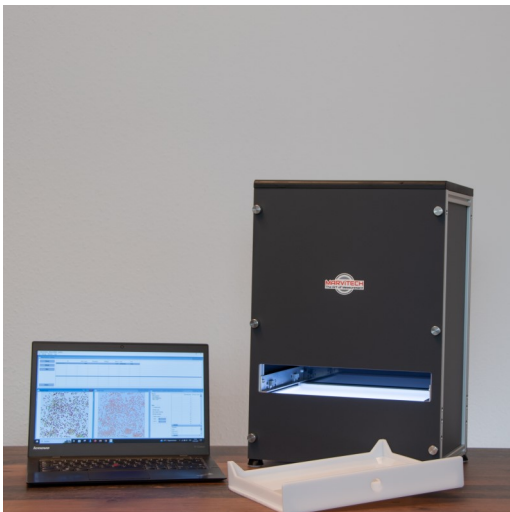
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### Specifications:

- Seed Types: Suitable for various seed types > 2mm<sup>2</sup>, incl. grains, vegetables and small seeds
- Seed Tray Capacity: around wheat 500 kernels.
- Size Measurement in mm<sup>2</sup>
- Counting accuracy: 99.5% at least
- Broken seed detection sensitivity: all objects <50% of the sample size average
- 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)

### Spare parts / Accessories

- Seed tray MARViN BasicLine
- Seed tray cleaner
- Hard plastic trolley case
- Software upgrade to MARViN6 (unlimited version)



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

**Disclaimer:** The MARViN BasicLine 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.

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