

## Datasheet MARViN ProLine II

The **MARViN ProLine II** 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 ProLine II comes with the MARViN<sup>6</sup> 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)
- 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

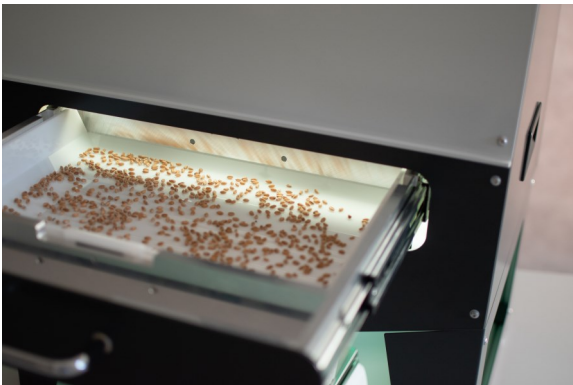
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### Specifications:

- Seed Types: Suitable for various seed types > 0.5 mm<sup>2</sup>, incl. grains, vegetables, flower, tobacco
- Seed Tray Capacity: around wheat 1000 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 ProLine II)

### Spare parts / Accessories

- Seed tray MARViN ProLine II
- Seed tray cleaner



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

**Disclaimer:** The MARViN ProLine II 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 ProLine II.

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