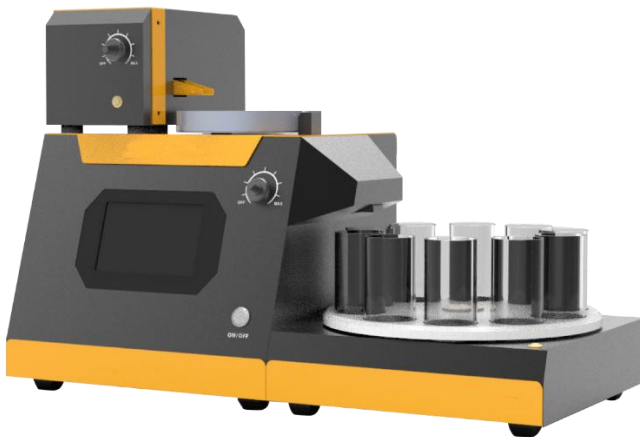


Biolinkk Automatic Seed Counter (BL-SWC-F)

Description

The **BIOLINKK BL-SWC-F Automatic Sampling Seed Counter** is a high-precision laboratory instrument designed for fast, accurate, and automatic counting of seeds of various shapes and sizes. Equipped with an intelligent sampling system and a large color touch screen interface, it is ideal for seed research labs, agricultural institutes, quality control centers, and seed production facilities.

The system supports automatic sampling, real-time data display, and digital data storage, ensuring high efficiency, repeatability, and ease of operation.



Applications

- Seed testing and quality control laboratories
- Agricultural research institutes
- Seed breeding and R&D centers
- Seed production and processing units
- Academic and educational laboratories

Key Features

- ❖ **7-inch Color Touch Screen**
Intuitive user interface with guided operation and real-time data visualization.
- ❖ **Automatic Sampling & Counting**
Ensures uniform sampling and accurate counting for consistent results.
- ❖ **Wide Seed Compatibility**
Suitable for round, elongated, large, medium, and small seeds such as corn, rice, wheat, sesame, and more.
- ❖ **Multiple Counting Modes**
Automatic stop mode and free counting mode selectable as per application.
- ❖ **High Accuracy**
Advanced sensing technology ensures precise counting with minimal error.
- ❖ **Adjustable Sensitivity & Speed**
Stepless speed regulation and sensitivity adjustment for different seed types.
- ❖ **Rotary Multi-Station Design**
Equipped with multiple cups for efficient and continuous operation.
- ❖ **Data Recording & Traceability**
Automatically records date, time, total count, sample count, counting mode, and sensitivity settings.
- ❖ **Crop Variety Management**
Store and manage up to 20 crop variety names with editing and classification options.
- ❖ **USB Data Export**
Easy transfer of counting data for reporting and documentation.
- ❖ **Low Noise & Long Duty Cycle**
Designed for extended continuous operation with controlled vibration and noise levels.

Specifications

| Model | BL-SWC-F |
|-------------------------------|--|
| Particle Length Range | 1 – 23 mm |
| Counting Capacity | 1 – 9999 |
| Counting Accuracy | ±2‰ |
| Counting Speed | ≥ 1000 seeds / 3 minutes (sesame seed basis) |
| Number of Cups | 10 |
| Counting Modes | Automatic stop / Free counting |
| Speed Control | Stepless speed regulation |
| Display | 7-inch color touch screen |
| Data Storage | Time, total count, sample count, mode, sensitivity |
| Data Export | USB interface |
| Noise Level | ≤ 80 dB |
| Continuous Working Time | ≥ 8 hours |
| Instrument Dimensions (W×D×H) | 730 × 365 × 470 mm |
| Operating Temperature | -10°C to 50°C |
| Relative Humidity | < 85% |