Automatic Seed Counter, 0.7-12 mm Seeds, ±2‰ Accuracy, 1-99999 Count, Adjustable Speed

Model **MSASC-TCPSWISS** | Brand **Master Science**







The Automatic Seed Counter counts rice, wheat, sorghum, corn and vegetable seeds (except tomato seeds) automatically to a set number, and also handles feed pellets, small gems and tablets. It counts particles from 0.7 to 12 mm with ±2‰ accuracy and a speed of at least 1,000 sesame seeds in 3 minutes.

KEY HIGHLIGHTS

- Accurate Counts
- Two Counting Modes
- Wide Particle Range
- Motor Protection

AT A GLANCE

0.7-12 mm PARTICLE SIZE RANGE	**1-99,999** COUNTING RANGE
±2‰ COUNTING ACCURACY	**≥ 1,000 per 3 min (sesame)** COUNTING SPEED

Request a Quotation
Contact us for pricing, configuration options and delivery details.

support@themsci.com
www.themsci.com

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Overview

Free counting and batch counting modes cover 1 to 99,999 particles, counting speed is adjustable, and sensitivity levels suit different particle sizes. The Automatic Seed Counter slows down automatically as it nears the target count, stops the motor after 60 seconds with no particles on the plate, and shows mode, time, level and count on an LCD.

Check seed moisture with our Digital Grain Moisture Meter alongside the Automatic Seed Counter.

Counting seeds by hand causes the issues below. The Automatic Seed Counter solves each one.

Key Benefits

Accurate Counts
±2‰ accuracy with automatic slow-down near the target.

Two Counting Modes
Free counting or batch counting from 1 to 99,999.

Wide Particle Range
Handles particles from 0.7 to 12 mm.

Motor Protection
The motor stops automatically when the plate is empty.

Technical Specifications

UNDEFINED	
Brand	Master Science
Model Number	MSASC-TCPSWISS
SKU	MSASC-TCPSWISS
Particle Size Range	**0.7-12 mm**
Counting Accuracy	**±2‰**
Counting Speed	≥ 1,000 per 3 min (sesame)
Counting Range	**1-99,999**
Batch Counting	1-99,999
Modes	Free count and batch count
Speed	Adjustable, automatic slow-down near target
Motor Protection	Stops after 60 s with no particles
Display	LCD
Noise	< 70 dB
Power	AC 110 V/60 Hz or AC 220 V/50 Hz
Continuous Operation	≥ 5 h
Operating Environment	-10 to 50°C, < 85% RH
Dimensions	285 × 210 × 176 mm
Packing Size	400 × 350 × 260 mm
Net / Gross Weight	5 kg / 6.5 kg

PROBLEMS THE AUTOMATIC SEED COUNTER SOLVES	
Slow manual counting	At least 1,000 sesame seeds are counted in 3 minutes.
Counting errors	Accuracy is ±2‰.
Overshooting a target number	Counting slows automatically near the set value.
Motor running with an empty plate	It stops after 60 seconds without particles.

Applications

- **Counting rice, wheat, sorghum and corn kernels**
- **Counting vegetable seeds for packaging and testing**
- **Counting feed pellets**
- **Counting tablets and small particles**

Counting

- Particles 0.7-12 mm
- ±2‰ counting accuracy
- ≥ 1,000 sesame seeds in 3 minutes
- Sensitivity levels for different sizes

Modes and Control

- Free count and batch count
- Adjustable counting speed
- Automatic deceleration near the set number
- LCD shows mode, time, level and count

Reliability

- Motor stops after 60 s without particles
- Continuous operation ≥ 5 h
- Noise below 70 dB

Standard Accessories Included

- Automatic seed counter main unit

Optional Accessories

- No optional accessories are listed for this model; contact our team for compatible items.