Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

Seed Counter

Product Code :

SLE/AG/15



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Description :

The Seed Counter is a microcontroller-based electronic counter that delivers seeds in exact, programmed lots. The operator keys the required number into a membrane keyboard, sets an adjustable knob so the seeds move in a single row, and starts the run with one button. It handles seeds from 1 to 15 mm and counts up to 999999 in a lot.

Seed Counter specifications

Parameter	Detail
Type	Electronic seed counter with programmed tallying
Control	Microcontroller based
Keyboard	Membrane keyboard
Maximum count	Up to 999999 seeds in a lot
Seed size range	1 to 15 mm
Seed alignment	Adjustable knob keeps the seeds in a single row
Count control	Slow start and slow stop
Product code	SLE/AG/15
Minimum order	10 units
Dispatch	Usually within 7 to 10 working days
Supplied by	ScienceLab (Jain Scientific Equipments Pvt Ltd), Ambala, India

Seed testing practicals with the Seed Counter

Germination test. Program the counter for the number of seeds in one replicate and count four equal lots from the same sample. Lay them on moist paper in Petri dishes, hold them in a laboratory incubator and count the normal seedlings at the end of the test period.

Thousand-seed weight. Count several lots of one thousand seeds, weigh each lot and take the mean. Read the moisture of the same sample on the Digital Moisture Meter at the same time, because seed weight rises and falls with its water content.

Respiration in germinating seeds. Count two identical lots for the seed respiration kit and boil one as the control. Any difference in gas given off then comes from the living seeds and not from unequal seed numbers.

Sowing trials and packeting. Prepare counted lots for each plot or row of a field trial, so that plant stands can be compared fairly. The same routine fills seed packets with a fixe

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