

Ball Coleman Seed Counter Gen3

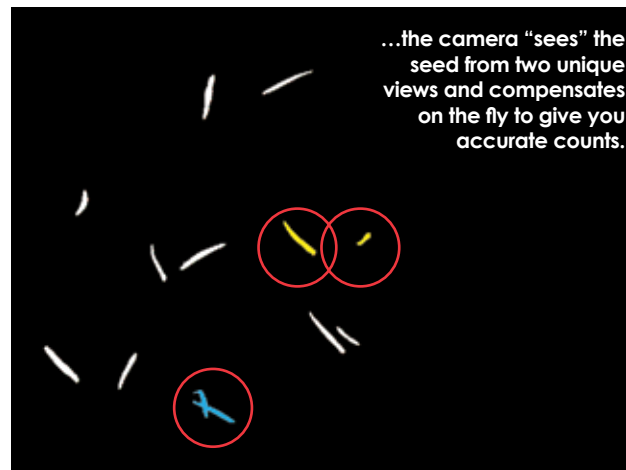
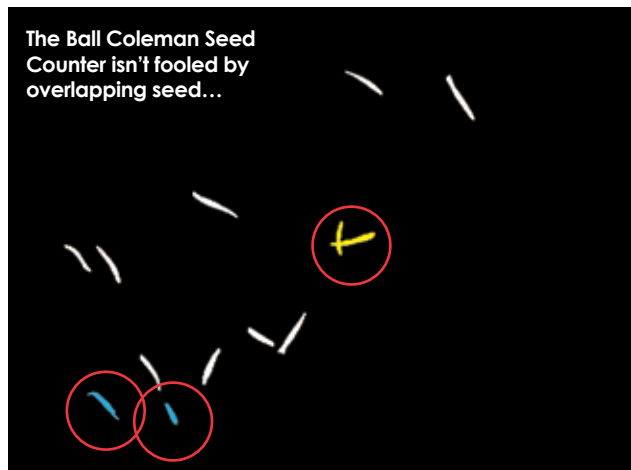
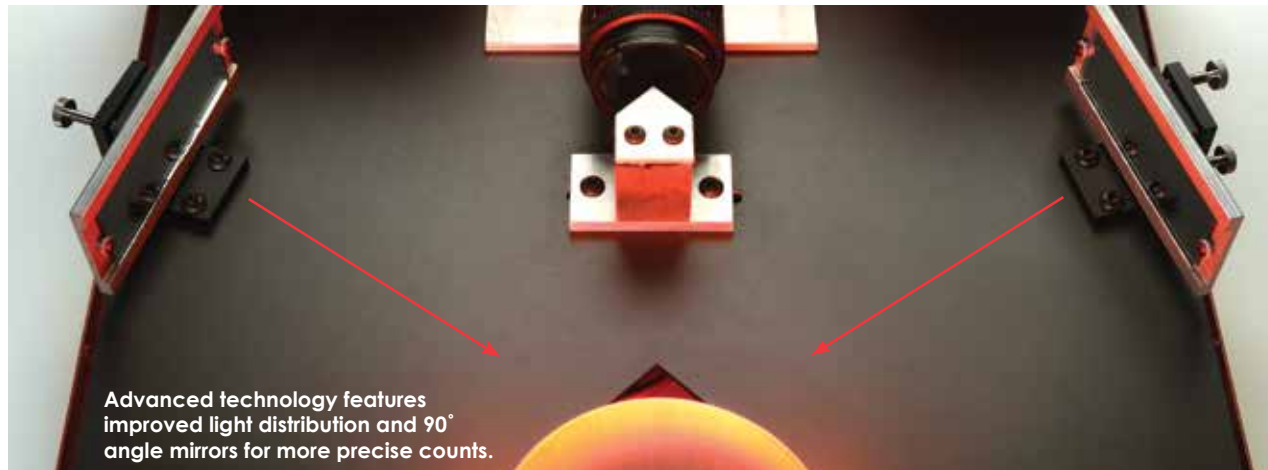
seed
technology
that counts



Speed, precision, ease

Slow counting, restricted sample sizes, order shortages and overages. It's all in a day's work with yesterday's seed counting machines that can't even handle marigold and zinnia seeds (or squash and corn).

But today, the new enhanced Ball Coleman Seed Counter solves these problems with its state-of-the-art imaging software.



Unique attributes of the Ball Coleman Seed Counter

- No other counting machine can match this seed counter for **speed** – round 1.25 mm pellets at 2,000 per second, oblong seeds (i.e., marigolds) at 200 to 300 per second and large seeds (i.e., squash and corn) at 80 to 100 per second.
- It counts seeds with incredible **precision** – a variance of 0.16% between two counts of a 50,000-seed sample.
- Fully **compatible** with a wide range of agronomic, vegetable and flower seed types.
- It stores seed size specs and settings plus seed lot barcodes for **convenient** future use. With optional top load scale, it also stores weight/1,000 seeds and seeds/gram.
- Step-and-start operation, touchscreen technology and quick changeover between seed lots make it **easy** to use.
- With few moving parts, there's **less downtime** and maintenance.
- You can integrate it with packaging equipment for **fast, accurate** order processing. It also works with inventory management software and an optional labeling machine.
- Optional diverter allows for **rapid** manual packaging.

Enhanced features of the Gen3

- The new custom stainless steel trough is **longer** and also holds more seed.
- The **enclosed drop zone** prevents dust and seeds from entering the optical area and eliminates the need for frequent cleaning.
- Improved light distribution provides more accurate counts and 90° angle mirrors take **better measurements** of seed.
- The stainless steel chute is easy to clean, easier to see seed coming out of the counter and has graduated angles, resulting in **less bounce**.
- A **more compact** overall design takes up less floor space and is easier for the operator to add and remove seed.
- The **updated software** includes an additional counting function in seeds/second, easier calibration, improved packaging settings and downloadable measurements of statistical data such as area, length and width.
- New screens include a **user-friendly** dashboard design, operator account setup and fields to track special data such as purchase orders.



Advanced software easily integrates with your other packaging equipment and software.

Count mode active. Counting 'Tomato-CT'.
TOTAL = 0, RATE = 0.0

Admin
Job #: 1254-23

OPERATIONS
VIEWS
STATISTICS
DIAGNOSTICS
SIZE DEFINITION

EMPTY HOPPER
START FEEDER
END COUNT

TOTAL COUNT 0
RATE (counts/sec) 0.0
RESET COUNT

BATCH WEIGHT 0.00 lb
TARE WEIGHT

CONTROL MODE Count Rate
FEED RATE 1300
EST. ACCURACY 99.76 %

Date - Time	Count	Count Time (sec.)	Weight	per lb
11/22/2016 12:05:22 PM	19188	20.6 sec	0.16 lb	120288.4 /lb
11/22/2016 12:04:58 PM	9020	13.1 sec	0.07 lb	121373.6 /lb
11/22/2016 12:04:24 PM	15466	17.6 sec	0.13 lb	121332.4 /lb

TOTAL 3 CLEAR LIST

This seed counter display is set to counting mode.

Pack mode active. Packing 'Tomato-CT'.
TOTAL = 1002, WEIGHT = 0.00 lb, RATE = 0.00
Pack Ready: Packs 48 / 99

Admin
Job #: 1254-23

OPERATIONS
VIEWS
STATISTICS
DIAGNOSTICS
SIZE DEFINITION

EMPTY HOPPER
NEXT PACK
END PACK

Target Count 1000
NUMBER OF PACKS 99
AGGRESSION
PEAK RATE (cts/sec) 1300
EST. ACCURACY 99.8 %

TOTAL COUNT 1002
RATE (counts/sec) 163.6
PACK TIME (sec) 6.1
READY TO PACK

Date - Time	Count	Pack Time (sec.)	Count Rate	Weight
11/22/2016 12:49 PM	1002	6.1 sec	163.6 /sec	0.01 lb
11/22/2016 12:59 PM	1000	5.9 sec	168.3 /sec	0.01 lb
11/22/2016 12:58 PM	1004	6.0 sec	167.0 /sec	0.01 lb
11/22/2016 12:58 PM	1006	5.8 sec	172.5 /sec	0.01 lb
11/22/2016 12:58 PM	1000	6.1 sec	165.0 /sec	0.01 lb
11/22/2016 12:58 PM	1004	6.4 sec	156.8 /sec	0.01 lb
11/22/2016 12:58 PM	1002	6.0 sec	167.6 /sec	0.01 lb
11/22/2016 12:57 PM	1004	5.8 sec	173.2 /sec	0.01 lb
11/22/2016 12:57 PM	1001	5.8 sec	172.0 /sec	0.01 lb
11/22/2016 12:57 PM	1004	5.7 sec	175.6 /sec	0.01 lb
11/22/2016 12:57 PM	1001	6.1 sec	163.1 /sec	0.01 lb
11/22/2016 12:57 PM	1005	6.1 sec	165.8 /sec	0.01 lb
11/22/2016 12:56 PM	1001	5.9 sec	169.1 /sec	0.01 lb
11/22/2016 12:56 PM	1001	6.6 sec	152.7 /sec	0.01 lb

PACKS 48 CLEAR LIST

Packaging mode offers easy operation with just a few touches on the monitor.

Gen3 P Seed Counter



Gen3 S Seed Counter



Gen3 M Seed Counter



For additional information or to order, contact Ball Coleman at 630 588-3261 or info@ballcoleman.com. ballcoleman.com

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Ball Coleman seed counters are currently in operation at seed production facilities, breeder/producers, seed distributors and commercial greenhouse growers in 10 countries.