



COSMEC GROUP
MACHINES-ROBOTICS-VISION

DATA COUNT MODELS



“Now we can certify the real quantity with this machine, for kitting, receiving & verifying the real count of the material. Thank you for putting all of the efforts necessary, to help us with your discovery of this machine, it will bring great accomplishments to our process & efficiency”.

An International firm from the Electro Mechanical industry

“We are very happy with your machine, without your machines we will not be able to supply on time and due to the saving we will pay back the machine in less than a year. By the way our 260 has been working nonstop since early January and I am loving it”.

Khaled Kazzaz, CEO, Innova Seeds Co.



U-JR

The Small Parts Counter U-JR can quickly and accurately count components as small as 0.5mm in diameter, ensuring accurate inventory or kitting control. Counting small parts is a complicated, tedious and often error-prone task which has an adverse effect on stock quantities and production times. The Small Parts Counter U-JR is an efficient way to ensure control of the highest standards is met, using state of the art (or bleeding-edge) technology. An essential tool for manufacturers and suppliers in the medical, electronic, O-ring and automotive industries.

FEATURES

- counts all shapes of components from 0.5 to 4 mm
- counting speed: up to 3,000 components per minute
- counts a pre-set number of components
- simple operation with a user-friendly interface

BENEFITS

- Significant reduction in labor cost
- Less handling of small parts during the production process
- Enables reassignment of labor to more complicated tasks
- Quickly separates larger parcels into smaller ones
- Compatible with Seiko label printer
- 100% accuracy

TECHNICAL REQUIREMENTS

- Voltage: 100/240 VAC, 1-phase
- Frequency: 50/60 Hz
- Power consumption: 22 W
- Circuit breaker rate: Minimum 10 A slow-blow
- Dimensions (W x H x D): 21 x 21 x 20 (cm)
- Weight: 5 kg





U-60

Using DATA's vision-based technology, the objects are counted in real-time delivering an exact object count immediately. The Spider's unique design allows toolless changeover between parts without calibration, quick set-up and high mobility between stations.

Implementing the Data Count U-60 Spider at your site ensures for higher levels of reliability and efficiency throughout your supply chain processes.

Ideal for: Receiving department, Final product packaging, Inventory management.

FEATURES

- 99.9% accuracy.
- Quick set-up: Approximately 60 sec.
- Object versatility: one system can count numerous object types.
- User-friendly interface.
- Counting data is saved and easily retrieved.
- Parts size range: 5mm-25mm.
- Industry 4.0 compatibility.

OPERATION DESCRIPTION

- One-time object setup
- Filling the hopper/bowl with objects
- Choosing recipe (part, #bags, QTY per bag)
- The counter will stop when reaching the desired amount
- The operator manually replaces bags

TECHNICAL REQUIREMENTS

- Input Voltage USA: 115 VAC 60Hz // EU: 230 VAC 50Hz
- Electrical Connection Single phase
- Power 60W
- Weight ~20kg
- Dimensions (H x W x L) 627 x 430 x 510 (mm)





U-25B

DATA Count U-25B is the new generation of Bulk counters. This Counter counts almost any object ranging between 0.5 mm and 18 mm quickly and accurately, though eliminates the imprecision of weighing solutions and saves you money.

DATA Count U-25B is designed to count large quantities of objects. It is ideally suited for any company which counts large quantities of objects as part of their daily process especially those who are dealing with problematic objects which cannot be counted with other counting solutions.

U-25B COUNTING SYSTEM HAS 3 INNOVATIVE FEATURES

1. Can count almost any object of various shape and size.
2. Can be automatically calibrated with no need for human intervention.
3. Automatic real time speed adjustment and complete control of tolerance levels.

FEATURES

- Rapid counting
- User friendly interface
- 2 Counting modes: free and Batch
- Manual and automatic calibration modes
- Can use either Bowl Feeder or Hopper
- Multilanguage user interface
- Overfilling alert
- Controlled by touch screen
- Remote control mode

BENEFITS

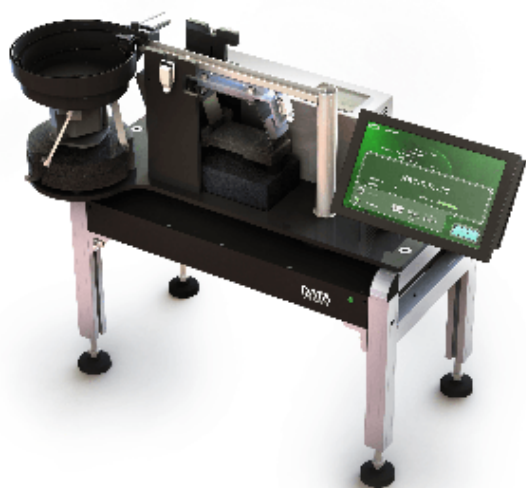
- Easy to operate
- Can be used to check receiving goods from subcontractor
- 100% control on the valuable stock
- Rapid Return on Investment (ROI)
- Significantly more accurate than counting scale
- Highly precise counting of any number of objects
- Easy maintenance

OPTIONAL EQUIPMENT

- Barcode scanner
- RS232 Interface for all Mettler and Sartorius scales
- RS232 Interface for label printer
- Dual outlet for higher bag filling speed

AVERAGE COUNTING SPEEDS (in seconds)

Quantity	400 pieces	800 pieces	1200 pieces
Screw	40	80	120
Dental burs	85	190	290
Dental implant	85	190	290





U-60B

The U-60B counter provides an ideal platform for automation processes such as packaging and inventory management requiring exact figures. All counting data is saved and can be easily retrieved for the purpose of analysis counting reports. The results are consistent and repeatable without the variability associated with scales, manual counting or other methods. The system is ideal for small precious objects produced by injection molding, metal lathe and other delicate processes, and can handle complex shaped objects including open-shaped items as in the Aerospace, Defense, Medical, Electronic, ecc.

FEATURES

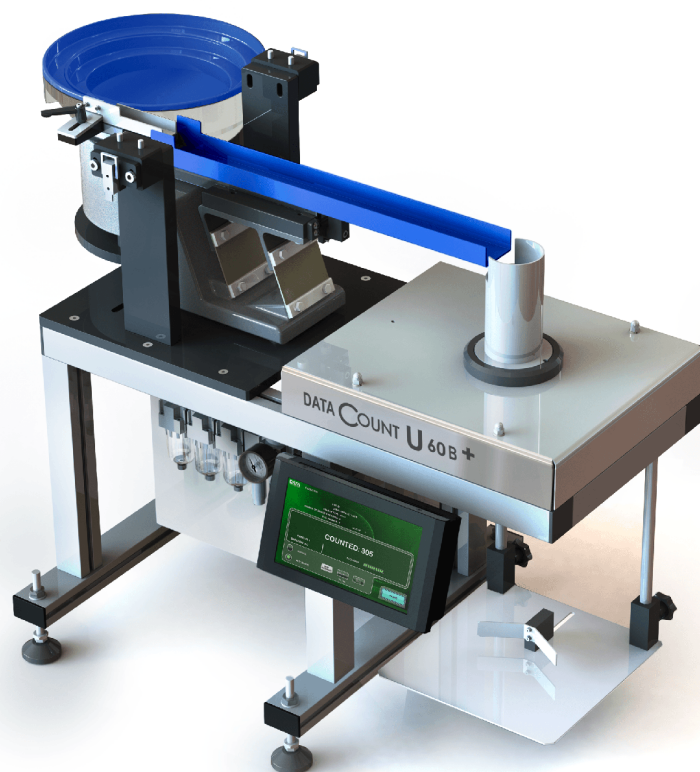
- 99.9% accuracy.
- Minimal mechanical adjustments when changing objects.
- Counting data is saved and easily retrieved.
- Object versatility: one system can count numerous object types.
- User-friendly interface.
- Low maintenance and easy to clean.
- Parts size range :1mm-25mm.
- Industry 4.0 compatibility.

OPERATION DESCRIPTION

- One-time object setup.
- Filling the hopper/bowl with objects.
- Choosing recipe (part, #bags, QTY per bag).
- The counter will stop when reaching the desired amount.
- The operator manually replaces bags.

TECHNICAL REQUIREMENTS U-60B plus

- Voltage: 115 / 230 VAC, 1 phase
- Frequency: 50/60 Hz
- Power consumption: 250 W
- Circuit breaker rate: Minimum 10 A slow blow
- Dimensions (cm): (W) 71 x (D) 47 x (H) 86
- Weight: \pm 72 Kg





U-162 U-162B

Data's proprietary ICI technology enables real-time bulk counting of small objects, by scanning them from 360 degrees as they freefall through a detection unit. Data's small part counters can count a wide variety of complex objects quickly and accurately. An ideal solution for repetitive counting of a preset object quantity. The U-162 can be integrated with various Automated Poly Bagging Machines such as Autobag, Audion, Paxmatic, Sharp, PAC, and many others.

FEATURES

- 99.9% accuracy.
- Parts size range :1mm-25mm.
- Industry 4.0 compatibility.
- GMP-compliant design.
- Capable of counting a wide range of different objects.
- Unlimited programs and products.
- Touch-panel, PC-based HMI with an intuitive graphic interface.
- Supports TCP/IP protocol.
- Reject mechanism for automatic discharge of overfill counts.



OPTIONAL

- Tailormade frame for other baggers which support handshaking protocol.
- Feeder hopper.
- Lift.



OPERATION DESCRIPTION

- One-time object setup.
- Filling the hopper/bowl with objects.
- Choosing recipe (part, #bags, QTY per bag).
- The machine will automatically perform the counting and packaging in accordance with the required objects per bag and number of bags.





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