PerfectCount

When Speed AND Accuracy Count

The World’s Fastest
High Accuracy Small
Object Counter

Counts a Wide Variety of
Shapes, Sizes
& Materials
No more need to estimate by weight...

...it individually counts each object using state-of-the-art machine vision technology.

Counting small objects or parts is one of the most tedious and time consuming tasks. Common practice is to estimate the number of parts by their weight. Unfortunately, varying sizes and material densities often lead to wasteful overfill.

PerfectCount solves this problem by using vision-based technology to individually count each object at lightning fast speeds. How fast? 1.25 mm pellets can be counted at over 1,500 per second!
PerfectCount utilizes digital imaging to see the parts as they fall down a chute. PerfectCount uses powerful proprietary algorithms to count each part, even when many parts fall at the same time.

PerfectCount quickly learns new parts. The learned spatial parameters allow for highly accurate counts as well as foreign object detection.

In addition to counting, PerfectCount provides real-time information about the three-dimensional size distribution of the parts.

Unlike other counting machines, PerfectCount is rated in **parts per second**, not parts per minute.

<table>
<thead>
<tr>
<th>part size (mm)</th>
<th>99.5% accuracy speed (parts/sec)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>760</td>
</tr>
<tr>
<td>5</td>
<td>315</td>
</tr>
<tr>
<td>12.5</td>
<td>140</td>
</tr>
<tr>
<td>25</td>
<td>68</td>
</tr>
</tbody>
</table>

**Automatically measures statistical size information**
Features:

- Packing and counting modes
- Counts objects between 0.3 and 30 mm in maximum dimension
- Works with all materials and shapes: transparent glass, plastic, polished metal, rings, spheres, cylinders, or complex geometries
- Automatically learns your parts and doesn’t count foreign objects or broken parts
- Touch screen user interface
- Available in floor mount, table mount, and kiosk options

Please contact us for more information.

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