

## Batchmaster® IV Belt Feed Counter

The **Batchmaster® IV** Counter is a state of the art, high speed counting system that provides high accuracy.

**Batchmaster® IV Benefits:**

**Flexibility** - batch a wide variety of product accurately with no changeover parts

**Versatility** - system integration to any type of packaging machine. Designed for short or long production runs and a wide range of product without tool changes

**Count Accuracy** – verify by volume and account for out-of-tolerance product by rejecting the batch before entering the packaging machine

**Volumetric Accuracy** - routinely exceeds multi-head weigher performance

**Quick Changeover**— typical product changeover of 2 minutes or less

**Cost Savings** - decrease or eliminate product giveaway with this new patented precision filling technology

**Value** - increased output of up to 100's of batches per minute

**VMAS Technology** - Verified Movement & Speed of all mechanical movements via a true closed loop system, making this equipment easily validated

Dual Batchmaster® IV DV200 5 Gate Belt Feed



*Applications: Aerospace, agricultural, automotive, beauty, candy, crafts, dental, electronics, fasteners, food, hardware, health, hobby, IQF products, jewelry, medical, plastics, sporting goods, toy, and many others*

**Power Requirements:**

120 VAC, 1 Phase, 60 Hz @ 10 Amps

**Air Requirements:**

No air or gate sensors are required.

*All movements controlled and verified with stepper motors*

**Footprint:**

50" deep x 30" to 36" wide

*Height varies depending on configuration and adjustment*

**Part Size Range:**

Counts parts from 1/16" up to 3" x 7 1/2"

*Depending on size of optics, 100-mm to 200-mm*

**Bowls:**

24EGV: up to 600 linear inches of feed per minute

30EGS: up to 300 linear inches of feed per minute

15C/24 OT: up to 250 linear inches of feed per minute

18C/30 OT: up to 250 linear inches of feed per minute

- \* *BMIV is available in single, dual and belt feed configurations*
- \* *Bulk feed hopper options are available that are engineered to meet your product and operation requirements*
- \* *Electronic upgrades available for existing counting systems. For more information see Upgrades Datasheet*

**Feed Rate:**

**Batchmaster® IV Features:**

Patented Dual View Scanner with Part Validation  
Variable Electronic Tuning To Run a Wide Range of Parts  
Auto Set-Up  
Single Counts Run at up To 100's Of Batches per Minute  
Partial Accumulation and Split Counts  
Multiple Dump Feature  
Large 10.4" Color Touch Screen HMI Controls  
Semi-Automatic or Integrates To Fill Any Type of Package  
Industrial Grade Stainless Steel Stand, Hopper, & Bowl  
Bar Code Reading  
User Friendly Intuitive Set-Up  
High Resolution with 6,000 Scans per Second  
Auto Gate Fault Re-Start  
Real Time Operational Data  
Multi-Language Options  
Food Grade and Anti-Static Options

Continuous Run, See Through Operation  
Tool-Less Assembly / Disassembly & Changeover  
In-Flight Volume Analysis  
Closed Loop Stepper Motor Driven Gates  
Multi-Chamber Part Processor  
Out Of Tolerance Batch Reject (On 5 Gate PPU)  
Counts Parts from 1/16" Up To 3" X 7 1/2" Long  
Enhanced Geometry Dual Axis Feeder  
Improved Auto-Calibration and Dust Filtering  
Recipe Management  
Verified Motion Control Technology  
Self Diagnostics with Remote Capability  
Storable Set-Up Parameters of 500 Recipes  
Custom Password Lock Outs  
UL, Cul, & CE Approved Options