

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 @ 15 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 configuration*

* *BMIV is available in 2 gate or 5 gate configuration*

* *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