



LIAD

Weighing and Control Systems Ltd.

ColorSave- Micro

Small Dose Gravimetric Feeder

Innovation in Every Dose

“ Since installing the ColorSave-Micro on our small product line, we have not had a single reject due to color. ”

TAVMedical, Contract Manufacturer of Medical Device Components



The only gravimetric feeder designed specifically for small products!

ColorSave-Micro is the only gravimetric feeder that provides consistent accuracy for small doses, while eliminating many of the tasks associated with calibration and maintenance.

Small Dose Accuracy

With accuracy of a single pellet, the patented ColorSave-Micro uses a single vibrating channel to accurately and consistently deliver the correct dose.

Easy Calibration & Less Maintenance

Calibration and maintenance time is reduced as the single channel is used for all additives, handles all feed rates and is easily cleaned between jobs.

All Additives

ColorSave-Micro supports nearly all additives;

- Pellets
- Regrinds
- Powders

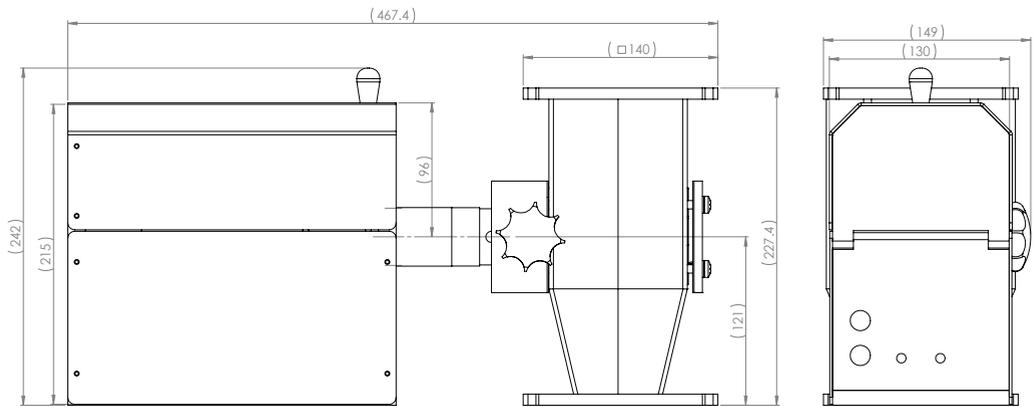
Small product manufacturers can finally take a break from manual mixing, difficult calibration, product rejects and over-consumption of masterbatch additive.



Feature	Specification
Hopper	500 cc
Output Range	up to 80 g/minute
Vibrator	Patented Vibrator
Controller	Separate unit with touchscreen display
Weight Resolution	0.1 grams
Loader	Internal loader, option for Venturi loader
Mounting & Feeding	Via neckpiece adapter, directly into machine throat
Alarm Output	N/O dry contact
Weight	7.8 kg
Power	100-240V, 50/60 Hz, 20 V/A

Application Version	Injection Molding	Extrusion	Extrusion Blow Molding
Operation Principle	Batch operation. Online metering and control of MB/additive batches	Continuous operation. Online metering and control of MB/additive flow rate (g/h)	Continuous operation. Online metering and control of MB/additive flow rate (g/h)
Set Point	Setting of desired MB/additive percentage and shot weight	Setting of desired MB/additive flow rate (g/h) or desired percentage from extruder throughput	Setting of desired MB/additive percentage and shot weight
Input Signal	Dry contact input for synchronization with plastification cycle (and optional with injection cycle)	Dry contact input for synchronization with extruder on/off operation and analog input 0-10v or digital input relative to extruder's speed (rpm)	Dry contact input for synchronization with extruder on/off operation and dry contact input from blowing machine for synchronization with blow cycle
Data Recording	Accumulated number of injection cycles and MB/additive weight as well as average percentage	Accumulated data (total MB/additive consumed)	Accumulated total MB/additive consumed in g and number of cycles
Communication	TCP/IP	Optional TCP/IP	TCP/IP





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