

# ColorSave-Micro<sup>®</sup>

## Small Dose Gravimetric Feeder



 **LIAD**  
Weighing and Control Systems Ltd.

***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 new 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;

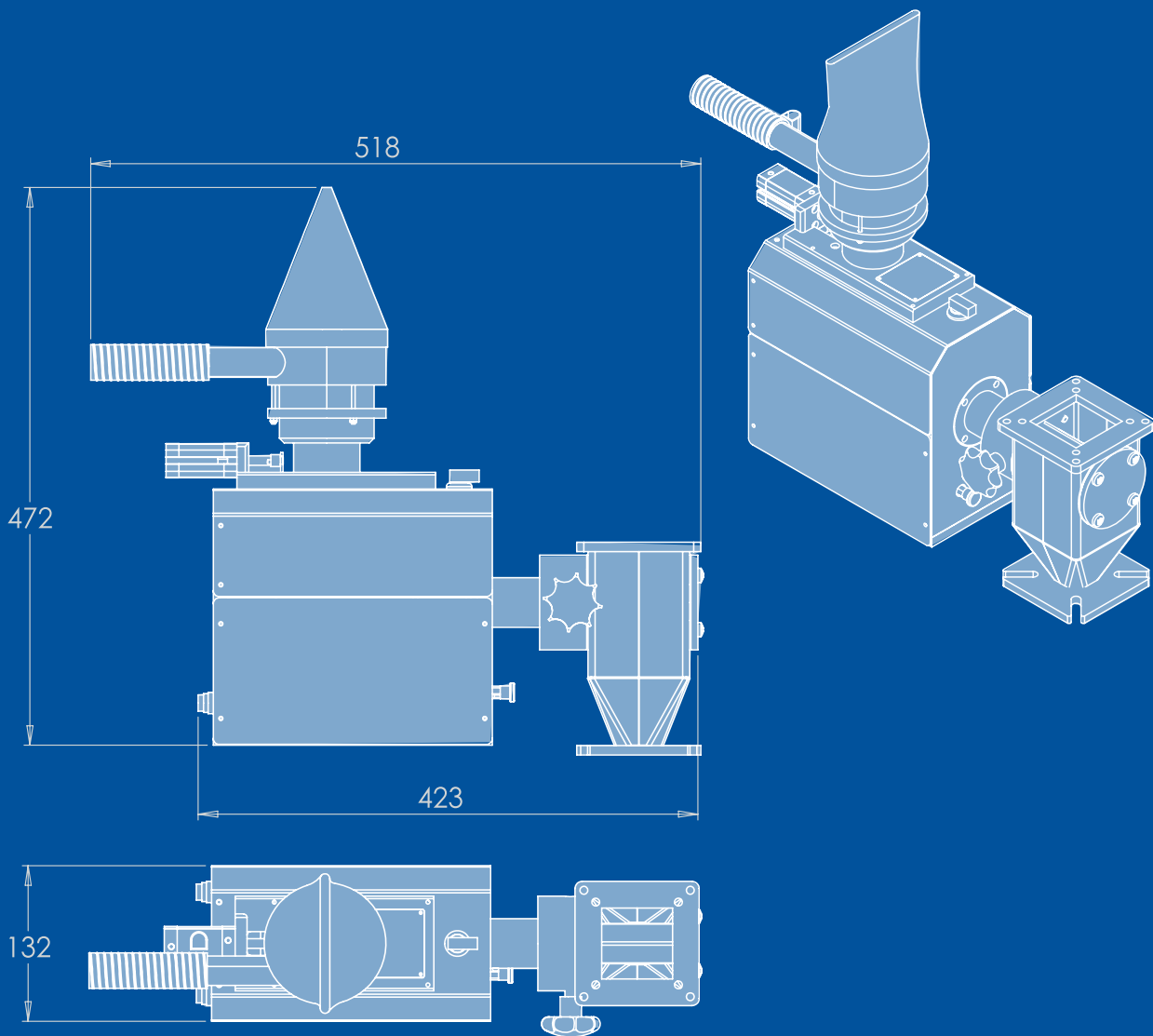
- Pellets
- Regrinds
- Powders
- Micro-granules

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

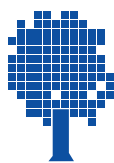


Feature	Specification
Hopper	550cc
Output Range	up to 80 g/minute
Dosing Technique	Vibration system
Controller	Separate unit with touchscreen display
Weight Resolution	0.1g
Loader	Optional integrated Venturi loader
Mounting & Feeding	Via neckpiece adapter, directly into machine throat
Alarm Output	N/O dry contact
Weight	7.8 kg
Power	100-240V, 50/60 Hz, 20 V/A

Application Version	Injection Molding	Extrusion	Extrusion Blow Molding
<b>Operation Principle</b>	Batch operation. Online metering and control of additive batches	Continuous operation. Online metering and control of additive flow rate (g/h)	Continuous operation. Online metering and control of additive flow rate (g/h)
<b>Set Point</b>	Setting of desired additive percentage and shot weight	Setting of desired additive flow rate (g/h) or desired percentage from extruder throughput	Setting of desired additive percentage and shot weight
<b>Input Signal</b>	Dry contact input for synchronization with plasticizing 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
<b>Data Recording</b>	Accumulated number of injection cycles and additive weight as well as average percentage	Accumulated data (total additive consumed)	Accumulated total additive consumed in g and number of cycles
<b>Communication</b>	TCP/IP	Optional TCP/IP	TCP/IP



See the  
**ColorSave-Micro**  
in action



**LIAD**

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