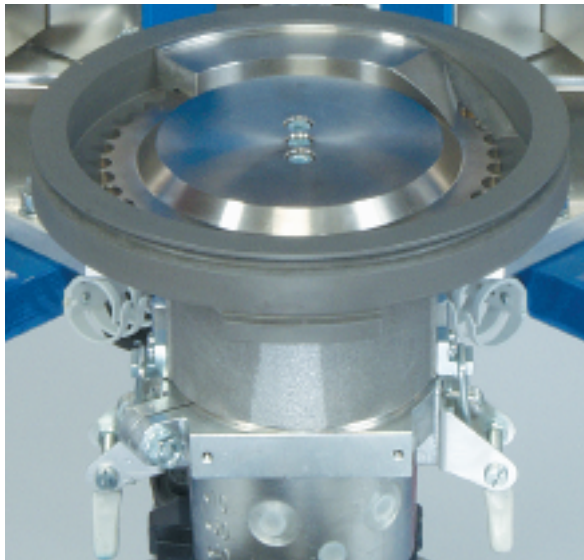




Precision Feeding for Consistent Blending
Colorblend®

Colorblend® is designed for small to medium-sized injection molding machines as well as various extrusion applications.

The high level of dosing accuracy, simple operation, and quick cleaning makes Colorblend® a highly valued tool for plastic processors.



Function

Colorblend® offers you a wide variety of configurations and easily integrates with vacuum conveying systems.

Colortronic's unique disc dosing system gives you a consistent, accurate blend from the top of the feed hopper to the bottom. Unlike other dosing methods, Colorblend®'s dosing is extremely accurate on a shot to shot or second to second basis. This dosing accuracy allows processors to optimize recipes and realize savings.

Further savings are gained from Colorblend®'s ability to automatically adjust its dosing time to the cycle of the injection molding machine or the screw speed of the extruder. Dosing is precisely synchronized with the process machine.

Blending units which require mechanical mixing can cause de-mixing when trying to combine a granular additive with powder resins. Colorblend® doses the additive synchronously into the flow of base resins, which eliminates the need for mechanical mixing.

Synchronous dosing guarantees homogenous blending without risk of segregation, even when processing minute quantities.



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Where to apply Colorblend®

- Doses pellet and powder additives
- Dosing time and amount adjusts automatically to process
- High dosing accuracy even at very low rates and shot sizes
- Quick material changes
- Speedy cleaning time
- Compact design
- Icon driven, easy to use control
- Rugged and reliable design



The Colorblend® control system is icon driven and easy to use. Colorblend®'s smart calibration feature automatically measures out exactly one disc revolution. It then calibrates operating parameters based on the catch sample values input by the operator.

- C150 controller for injection molding applications
- C150-E controller for extrusion applications (Option)
- Icon driven digital display
- Operating conditions displayed with icons
- Records total additive consumption
- Recipe storage
- No drift
- No line voltage errors
- Not affected by temperature

- 1 Colorblend® M
- 2 Colorblend® M Duo
- 3 Controller C150



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