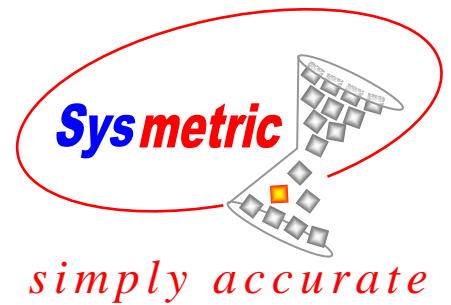


Gravimetric Dosers



Super CS™

Revolutionary New Dosing System !!!

Hybrid Central Station batch type gravimetric dosing systems with coloring units

*Ideal for **Injection molding machines***

Features:

- Cost effective
- Sensible alternative to nine independent dosing systems
- Serves up to **nine** production lines*
- Dosing of up to **seven** materials per batch
- Individual gravimetric coloring unit for each production line
- Individual mixer for each production line
- Stand alone system with self conveying system
- Overall system capacity of 1500 kg/h
- Easy color change
- Requires small production floor space
- Material handling is done at one location
- No material handling by the injection machines
- Controlled by programmable logic controller (PLC)
- 10" multi-language, color, touch LCD operation panel
- Easy communication with ERP software



Principle of Operation:

The upper part of the **super CS** structure carries Sysmetric's batch type CD dosing unit.

The CD unit prepares different mixtures of up to six ingredients.

Each mixture is diverted into a specific mixing hopper through the rotational distributor.

The gravimetric coloring units add colors to the mixtures as required.

Mixing hoppers creates homogenous mixtures and the vacuum loading system conveys the prepared batch to the production lines.

* each mixing hopper can serve more than one machine with the same batch and color.

