

Gravimetric Dosers



CD™ Series

Batch type gravimetric doser

Features:

- For injection molding and extrusion machines
- Up to 6 components
- Modular construction for maximum flexibility and efficiency
- Modular extension hoppers for different component capacities
- No need for tuning or setup when replacing raw materials
- Integrated vertical mixer
- Several batches are mixed together for better accuracy
- Color touch screen for monitoring and programming
- Easy, "plug & play" installation
- Easy material change
- Alarms: material flow and electrical faults



Options:

- Combination of CD with Beltcolor™/Gravicolor™
- Host link interface for integration with HMI/SCADA software
- Remote operator panel
- Closed loop line control
- Vacuum control



Dosing Specifications:

- Batch type dosing method
- Up to six different components
- $\pm 0.1\%$ dosing accuracy
- Main component percentage range: 0% or 20-100%
- Other component percentage range: 0-100%
- Automatic CRC adaptive tuning

Weighing specifications:

- Single off-center load cell weighing unit
- 5 pole analog LP filter, digital F.I.R filter
- Weighing resolution 1/10,000
- Semi-automatic weighing calibration

Volume Specifications:

CD Model	Max Capacity * [Kg/Hour]	Batch Size [Liter]	Mixer Volume [Liter] (mixed material)
CD-100	100	4	11
CD-200	200	6.5	16
CD-400	400	9	20
CD-800	800	20	60
CD-800HD200	1000	50	60
CD-800HD400	1200	50	100
CD-800HD500	1500	50	140

* Depending on material's properties

System Dimensions and Weight:

	CD-100	CD-200	CD-400	CD-800	CD-800 HD200	CD-800 HD400	CD-800 HD500
A	1158	1350	1511	1756	1958	2258	2410
B	635	966	960	1072	1072	1072	1072
C	600	735	980	1175	1175	1175	1175
D	856	1086	1231	1455	1652	1952	2055
E	368	263	419	424	424	424	424
F	368	505	598	764	764	764	764
G	185	185	290	360	360	360	360
H	160	160	230	320	320	320	320
J	11	11	11	11	11	11	11
K	200	200	310	390	390	390	390
L	76	76	76	100	100	100	100
M	8.5	8.5	8.5	8.5	8.5	8.5	8.5
N	140	140	140	140	140	140	140
Kg*	70	160	250	350	380	390	400

* Depending on system configuration

All Dimensions are in mm

