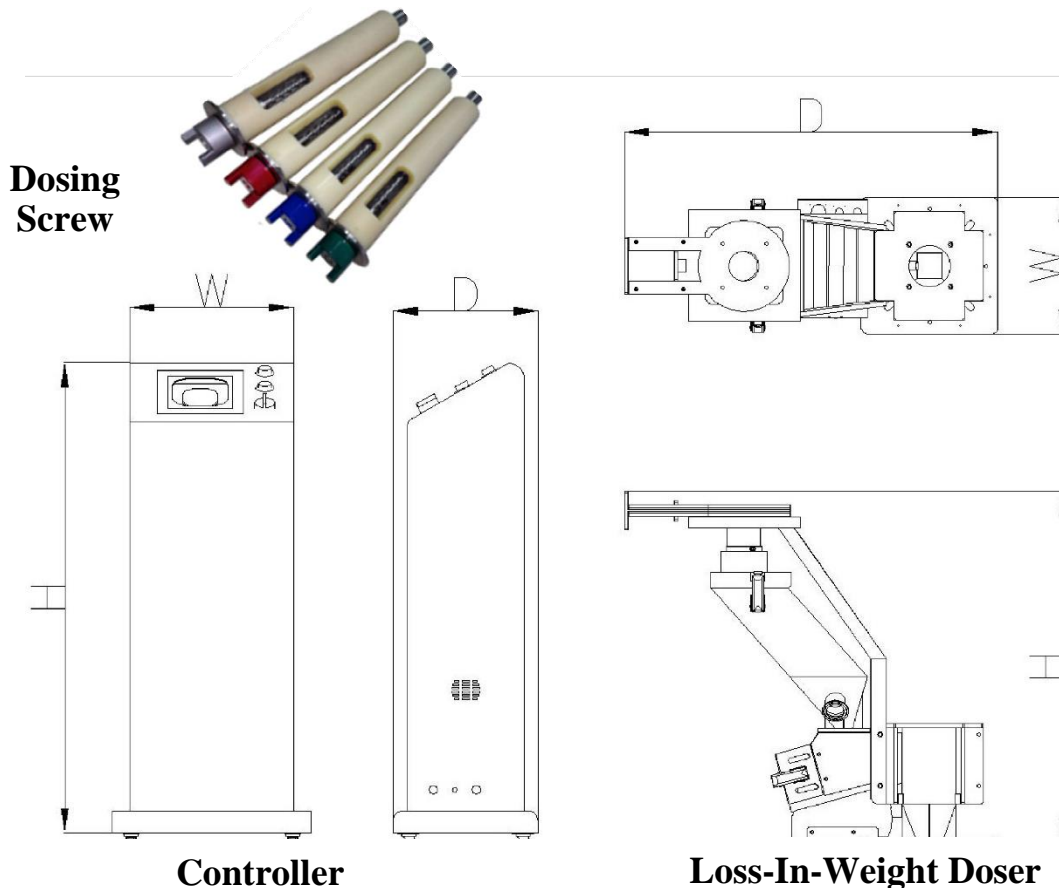


# LOSS-IN-WEIGHT MASTER BATCH DOSER

## FEATURE :

1. Simultaneous coloring automatically for saving working hours and storage space.
2. Master-batch diversion designed is to ensure more consistent & accurate mixing and quick material changing.
3. It can mix perfectly with master-batch and material accurately without mixer.
4. Servo motor has perfect control of RPM speed, and with PLC and advanced loss -in-weight system the doser can automatically calculate the most accurate RPM. Therefore, Flying Tiger doser can work as the most efficient, accurate and stable.
5. PLC& human-machine interface is easy to use, and is able to save up to 20 sets of data.
6. There is a low material level alarm in buffer tank, which makes no worry of material shortage.
7. To avoid injection machine sometimes has an unstable screw back, the dosing timer is design in IMD-L series to solve unstable master-batch adding cause by unstable screw back of the injection machine.
8. To ensure the color consistency, EMD-L series will operate simultaneously when the RPM of extruder screw is adjusted.





**FLYING TIGER KJ CO., LTD.**

PLASTIC AUXILIARY EQUIPMENTS & TURNKEY SOLUTION EXPERTS

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## SPECIFICATIONS

Model	Injection		KIMD-06L	KIMD-08L	KIMD-15L	KIMD-30L	KIMD-45L	KIMD-60L
	Extrusion		KEMD-06L	KEMD-08L	KEMD-15L	KEMD-30L	KEMD-45L	KEMD-60L
Dosing Screw	Diameter	MM	φ 6	φ 8	φ 15	φ 30	φ 45	φ 60
Dosing Motor	Type		Servo Motor, 220V, 1Phase					
	Torque	W	200	400	400	400	400	400
	Speed	RPM	1~1000					
Control Type			5.7" Color Touch Panel, with Loss-In-Weigh and PLC control					
Dosing Weight per Turn	GRAM/TURN		0.28	0.5	2.1	4.1	28.9	145.8
Dosing Capacity per Hour	KG/HR		0.02~16.8	0.03~30.0	0.13~126.0	0.30~246.0	1.74~1,734	8.75~8,748
Buffer Hopper	LITER		6	6	6	15	30	60
Max power Consumption	KW		0.3	0.5	0.5	0.5	0.5	0.5
Dimension (W*D*H)	Doser	CM	26.3*72*68			53*140.7*127		
	Controller	CM	46*34*113					
Option			1.Material Receiver 2.Auto-Loader 3. Loss-In-Weight hopper frame					
Remark			1. Dosing capacity will be varied by material type. 2. We reserve the right to change specifications without prior notice.					