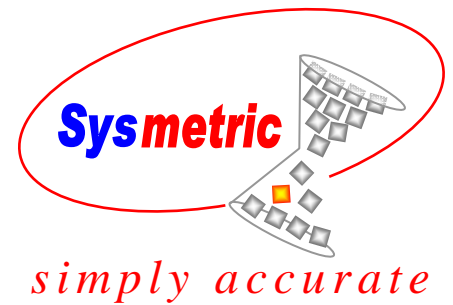


Gravimetric Dosers



LW™ Series

*Continuous Type Gravimetric Dosing Unit
(For Dosing and Line Control)*

Applications:

- For extruder machines.
- Extruder output supervision.
- Gram per Meter control.
- Precise layer control in a multi-layer extruder line.
- Fast control during ramping using Cotex Control.

Features:

- Stainless Steel construction.
 - Semi-automatic calibration.
 - No need for tuning or setup when replacing materials.
 - Weighing bucket sizes from 0.5 to 50 liters.
 - Capacity range from 10gr/h to 4000 kg/h per channel.
 - Standard Omron PLC control.
 - Single off center load cell per channel.
 - Additives feeding using screw and/or belt feeders.
- (The belt feeders have the unique ability of 1:1500 feeding range)



Principle of Operation:

- The main material is fed directly into the extruder using a loss in weight hoppers. The measured throughput is used to synchronize the additive feeders. A special MODELING type of control compensates and reacts accurately even during vast RPM changes.
- The line speed is measured using digital or analog interface and the extruders are adjusted accordingly.
- Precise layer control in multi-layer lines. Layers are distribution by either thickness or mass proportion. Product dimensions can be presented in either gram-per-meter or average thickness (microns).

Typical LW System
for 1200 kg/h

