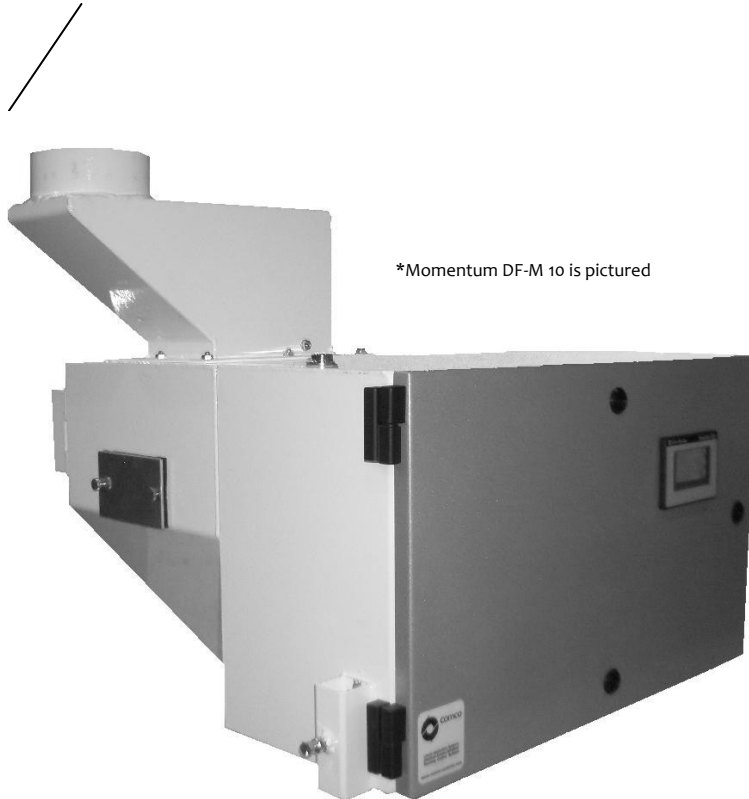




DELIVERING SUPERIOR DRY FLOW MEASUREMENT



*Momentum DF-M 10 is pictured

Flow Control

The WeighFlex DF is a weight based flow control and monitoring device. The innovative design measures the force, due to material flow, against a curved deflection chute. The WeighFlex DF allows operators to measure and control their product and is useful for many different applications. Some examples include the loading of trucks, railcars, and bins; liquid or dry ingredient applications; as well as grain and rice blending. The Feeder version provides flow control and measurement, and the Momentum version provides flow measurement only.

Accuracy:

- +/- 2 percent (through full scale)
- True “in line” measurement
- Superior To Impact Scales, Volumetric Feeders,

Placement/Flexibility

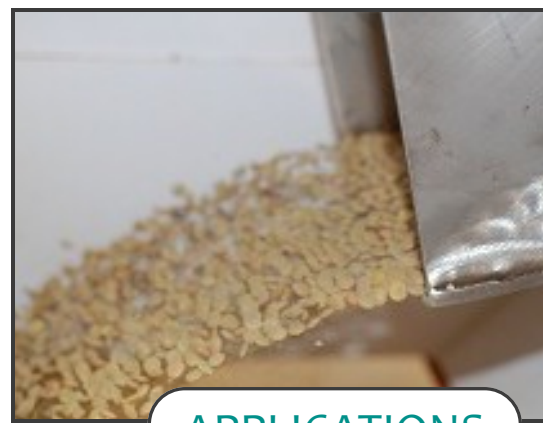
- Control Panel able to be mounted up to 500 feet away from unit
- Small Size (some models only 24” high) allows for easy integration into plant process
- Easily adapts to bulk density variations

Automation

- Batching functions to deliver desired weight
- Remote Support functions
- Digital and Analog Input/Outputs for communication

Simplicity:

- Easy calibration and configuration procedure
- Touch Screen for easy operation



APPLICATIONS

Feed Milling (Mash and Pelleted)

Seeds and Pulses—Lentils, Peas, Chickpeas, Soybeans,

Grains — Oats, Rice, Barley, Wheat, Canola,

Other— Corn, Nuts, Metals, Plastics and many more.



General Specifications

Accuracy: +- 2% of full scale

Electrical:

Supply Voltage..... 110 or 220 V AC.....5 Amp 50/60 Hz

Digital Inputs.....24VDC standard

Available Digital Inputs... Start Request, Zero Accumulator/ Reset Target,
 Curve (Product Select), Safety Interlock

Digital Outputs.....24VDC standard

Available Digital Outputs... Target Reached, Gate Closed/System Running,
 Alarm Flash Code, Accumulation Pulse Out (Scaled)

Analog Inputs/Outputs....4-20 ma current range

Input.....Dry Flow Set Point (Feeder Version)

Output.....Dry Flow Rate (Feeder and Monitor Version)

Momentum Version: No Gate Control with Deadboot for Flow Stabilization

	DF-M 10	DF-M 40	DF-M 120
Capacity t/hr (tonnes)	2-10	10-40	40-120
Overall Height in/mm	29"/736.6 mm	30.875"/784.23 mm	33.625"/854.07 mm
Overall Width in/mm	24"/609.6 mm	24"/609.6 mm	24"/609.6mm
Overall Depth in/mm	24"/609.6 mm	29"/736.6 mm	36"/914.4 mm
Inlet in/mm	5.125" diameter/130.17 mm	8" diameter/203.2 mm	7"X16" / 177.8X406.4 mm
Outlet in/mm	12"X12"/ 304.8X304.8 mm	12"X17"/304.8X431.8 mm	12"X24"/304.8X609.6 mm

Feeder Version: Includes Gate for Automatic Flow Control

	DF-F 10	DF-F-40
Capacity t/hr (tonnes)	2-10	10-40
Overall Height (in)	21.25"/539.75 mm	21.5"/548.64 mm
Overall Width (in)	24"/609.6 mm	24"/609.6mm
Overall Depth (in)	24"/609.6 mm	29"/736.6mm
Inlet (in)	4"X6"/101.6X152.4 mm	9"X9"/228.6X228.6 mm
Outlet (in)	12"X12"/ 304.8X304.8 mm	12"X17"/ 304.8X431.8 mm

Notes: 1)Capacity of units may vary depending on product density. 2)Units are powder-coated mild steel. Stainless Steel is available at additional cost