



Economical. Accurate. Built-To-Last.

CentriFlow BWS Basic Weighing System

The CentriFlow BWS from Eastern Instruments is a gravimetric in-line mass flow meter which measures flow based on a centripetal force based measurement design. It measures the mass flow of any granular product such as grains or pellets as they pass through the meter. The BWS' integrated electronics will deliver a 4-20 mA signal that is equivalent to flow. A Totalizing Pulse Output equivalent to totalization will also be available. The BWS is perfect for both batching as well as continuous processes.

Volumetric Capacity of the CentriFlow DCM Meter

Meter Size	BWS-06		BWS-12		BWS-24		BWS-36	
	Low	High	Low	High	Low	High	Low	High
Capacity	1.7 ft ³ /m 2.9 m ³ /hr	13.5 ft ³ /m 22.9 m ³ /hr	3.8 ft ³ /m 6.4 m ³ /hr	30.0 ft ³ /m 51.0 m ³ /hr	7.5 ft ³ /m 12.7 m ³ /hr	60 ft ³ /m 101.9 m ³ /hr	11.3 ft ³ /m 19.1 m ³ /hr	90 ft ³ /m 152.9 m ³ /hr



The weigh-chute or curved measurement pan is constructed out of 304 Stainless Steel. All other flow surfaces are manufactured out of Carbon Steel. The Housing is a painted carbon steel, as is the electronics enclosure mounted to the rear of the meter. The meter's housing is structural steel meaning that the meter can be mounted via the

enclosure or by the intake flange itself. The CentriFlow BWS meter's integrated electronics make it very simple and easy to use. The integrated 4" HMI is a color touchscreen which provides access to calibration and other features of the meter. Because the electronics are mounted to the meter itself, installation is extremely simple.



FEATURES AND BENEFITS

- **ECONOMICAL:** Offers a way to accurately measure a variety of grains, pellets or other granular products at a very reasonable cost
- **OUTPUT:** 4-20 mA output equivalent to flow as well as a totalizing pulse output that is equivalent to totalization
- **SIMPLE:** Equipped with 4" Color Touchscreen interface on the rear of the meter
- **BUILT TO LAST:** A Rugged Construction ensures years of continued use
- **ACCURATE:** Accuracy of within +/- 1% of Full Scale
- **MEASUREMENT STYLE:** Design based on a Zero-friction, Centripetal Force based measurement
- **CONVENIENT:** Electronics are conveniently located on rear of meter and are accessed via an easy-access door