

CentriFeeder® - VIB

Integrated Vibratory Control

The CentriFeeder™ with Integrated Vibratory Control accurately measures and controls the flow of any dry, free-flowing solid that can be transported via a vibratory conveyor. Through the use of a highly customizable touch screen HMI, a PID control loop is established that regulates the vibratory conveyor feeding our patented CentriFlow® Meter. The outcome is an accurate, easily maintained, consistent flow that can be used for mixing, ratio control or even recipe based blending.



Features

Dedicated Controller

- ◆ White Painted Carbon Steel or SS Enclosure (8.5" x 12" x 15.5")
- ◆ Power
 - Input Power 20 VA
 - Input Frequency 47-63 Hz
 - Input Voltage 115/230 VAC converted to 24 VDC via internal power supply
- ◆ Remote Reset Capabilities
- ◆ Flow Rate or Totalization Alarm/Preset Capabilities
- ◆ Large, convenient, color, touch screen HMI with Flow Rate and Totalization displayed simultaneously on main screen
- ◆ 2 Gigabyte, Compact, Flash Card for data storage
- ◆ Can store calibration data for multiple products
- ◆ Electronics can be installed within 10 ft of the feeder with standard interconnect cables (included). Longer lengths available.

Benefits

VIB System

- **Flexibility:** Can be used with any product that can be conveyed via a vibratory conveyor
- **Precision:** Easily Controls the flow of any product
- **Consistency:** Smoothes the signal of even the most pulsating flows
- **Optimization:** Customizable stands, sizes and flow enhancement devices available
- **Efficiency:** Replaces problematic weigh/feed devices with a single multi-functioning unit
- **Speed:** Dedicated Controller allows split second start/stop capabilities
- **Options:** Food Grade, etc.

Applications

Snack Mix Blending
Cereal Coating
Boxing for Co-Packer

Packaging
Additive Application