

# Dry Flow Measurement



## APEC - Automated Process Equipment Corporation



### Dry Flow Measurement

Let APEC provide you with the proper flow measurement device to suit your design needs.

### Gravimetric Flow Measurement

**CentriFlow**

**Weigh Screw Conveyor**

**Loss In Weight Powder Feeder**

#### CentriFlow

Various sizes 6" up to 48"

Accuracy to +/- 1/2%

Measures flow rates upwards of 120 TPH

#### Weigh Screw Conveyor

Various sizes 6" up to 18"

Accuracy to +/- 2 to 3%

Measures flow rates upwards of 120 TPH

Optional integrator



#### Loss In Weight Powder Feeder

Various sizes 1-1/2" up to 6"

Accuracy to +/- 1/2 %

Integral platform scale

6.7 cubic foot capacity ingredient hopper

Hinged lid with locking handle and gas springs

Bolted in expanded metal trash screen

1-1/2 hp feeder screw gearmotor drive

U-trough with removable cover

Mechanical bin agitator with separate 3/4 hp

gearmotor drive prevents material bridging

Sheave and timing belt drive components



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## Volumetric Flow Measurement

**Rotary Pocket Feeder**  
**Tach Feeder Screw Conveyor**  
**Volumetric Powder Feeder**



### Rotary Pocket Feeder

6" to 46" wide  
Mild or stainless steel  
Offset inlet  
Staggered pockets to eliminate pulsing

### Tach Feeder Screw Conveyor

6" to 16" diameter  
1/3, 1/2, 2/3, 3/4 and full pitch flighting available  
No length constraints  
Mild or stainless steel construction



### Volumetric Powder Feeder

Various sizes 1-1/2" up to 6"  
6.7 cubic foot capacity ingredient hopper  
Hinged lid with locking handle and gas springs  
Bolted in expanded metal trash screen  
1-1/2 hp feeder screw gearmotor drive  
U-trough with removable cover  
Mechanical bin agitator with separate 3/4 hp gearmotor drive prevents material bridging  
Sheave and timing belt drive components



**Contact APEC Today For Your Peripheral  
Equipment Needs**

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