

# ProFlo

## ACCURATE CONTINUOUS MEASUREMENT OF BULK SOLIDS

The APEC ProFlo meter is to dry products what a Coriolis meter is to liquids. It measures the actual mass of any flow-able solid with densities from 10 to 100 lbs. per cubic foot and flow rates from 700 to 7000 cubic feet per hour. Products such as whole and ground grains, extruded products, snack foods, nuts, rice, dried beans and spices can all be measured. Use for receiving bulk ingredients by ship, rail or truck or for dry flow measurement into a continuous blend line or batch mixer.

### ADVANTAGES

- Accuracy of +/- 0.5% full scale. If it will flow, the ProFlo will accurately measure it.
- When it comes time to replace consumables the entire unit hinges open for easy access.
- The plate to sensor connection is designed so that should product back up in the unit, the sensor will not be damaged.
- There are no moving parts.
- The electronics and HMI are housed in a separate enclosure.
- Up to sixteen units may be controlled by one HMI.

### STANDARD FEATURES

- All product wear surfaces are 304 Stainless Steel.
- Mild or stainless steel enclosure
- Analog, serial and Ethernet interfaces

### OPTIONAL FEATURES

- Air purge for dusty environments
- Moisture and protein measurement
- Integrated pre-feed devices
- Intrinsically safe electronics



# APEC

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