

TRIBO.Series Model 5000

Dry Solid Particle Velocity Monitor

The conveying of dry particulate material frequently requires the need to maintain a specific minimum or maximum particle velocity to address issues ranging from product fall-out at low speeds to product degradation at high speeds.

Auburn Systems has introduced the industry's first dry particulate velocity sensor using its patented triboelectric technology.



Product Features include:

- User selectable device variables, choosing from numerous variables, including velocity, correlation coefficient, and pico amp signal
- Alpha numerical display and push button user interface
- 4 channel 4-20mA outputs
- RS485 interface with MODBUS RTU support
- 24VDC power supply, 6W power dissipation

Flush-mounted ring sensor arrays provide for non-intrusive measurement and a variety of connection designs allows for easy insertion into standard pneumatic conveying lines. Outputs include analog and digital options to monitor flow and alarm conditions.

Auburn manufactures a complete line of electrostatic/triboelectric bag leak detectors, emission monitors, flow/no flow detectors and solids flow monitors to effectively measure particulate emissions and dry solids flow from a wide variety of industrial processes.