



Auburn Systems illustrates the advantage of DC/AC technology for detecting baghouse emissions.

Particulate monitoring is a critical factor for manufacturing plants where industrial pollutants are problematic. Many dusts are hazardous or combustible, and those operations generating or handling dusts can require special efforts to monitor and minimize emissions in these areas. According to Auburn's President and Founder, Ron Dechene, "This schematic illustrates the new, unified DC/AC platform which represents the latest major technology advancement introduced by Auburn. This platform, known as TRIBO.dsp, is the result of a two year design and development project, which will further broaden our markets well beyond the environmental monitoring field. We're not only the creators of this measurement field but we're the only company still improving it and now we have a colorful visual to explain our unique technology".

The Working Principle of DC/AC Electrostatic Technology:

As dust particles collide with, or closely pass by a probe, charge transfers occur. Tribo.dsp series products detect the signal created by the changes in particulate concentration, as in the onset of a bag leak or an increase or decrease in flow. Unlike monitors that use only the DC impaction or only the AC induction signals, thereby using only a portion of the complete electrostatic signal, TRIBO.dsp unified U3000 series combines the benefits of each method, providing the user with a superior reliable and repeatable signal, with electrical interference resistance - even in harsh industrial environments. They can activate operational functions such as alarms and relays or can generate continuous 4-20 mA or digital signals for trending and recording purposes.

For more information, please contact:

Earl Parker, VP Sales

Auburn Systems

T (978)777-2460;

Email: sales@auburnsys.com

About Auburn Systems LLC:

Auburn was the first company to introduce electrostatic/triboelectric (TRIBO) bag leak detectors and solids flow monitors to monitor and measure dust, powders, and bulk solids for environmental and process control applications. The company remains the leading supplier of bag leak detection systems at more than 5,000 diverse materials processing plants, world-wide. www.auburnsys.com.

DC/AC Baghouse Monitoring System

