Dust Collector and Monitoring Solutions

Optimize dust filtration efficiency to drive productivity and sustainability improvements

Challenges

Optimize productivity and efficiency
You are under pressure to improve operational and energy efficiency, requiring higher peak pressures and optimized pulse cleaning. Compressed air usage must be reduced, with reliable and early detection of filter bag leaks that impact performance and sustainability.

OPTIMIZE CLEANING PERFORMANCE
TO REDUCE OPERATIONAL COSTS

Increase reliability
Greater dust collector reliability and availability is required, with equipment failures and unexpected downtime prevented. Insights into system health and performance are needed to support predictive maintenance strategies and improve overall equipment effectiveness.

GAIN INSIGHT
INTO DUST COLLECTOR PERFORMANCE AND HEALTH

Speed time to market
Dust collector designs and manufacture processes must be simplified and optimized, helping to streamline approvals and industry certification processes. There is a need to reduce the number of suppliers to streamline procurement, with support provided globally.

INTEGRATED SOLUTIONS
REDUCE TIME TO MARKET AND MAXIMIZE PROFITIABILITY

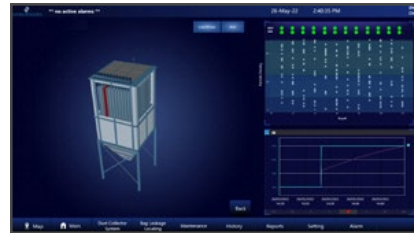For more information: Emerson.com/dustcollector

EMERSON™

OUR SOLUTIONS – Increase the reliability and efficiency of your dust collector system

With Emerson's SCADA and analytics software, control systems, condition monitoring and ultra-reliable valves you will be able to monitor and improve the performance of your dust collector systems. As a result, these will require less maintenance, consume less energy and create lower operational costs for the end-user. Advanced automation technology integrates seamlessly, helping to simplify designs and manufacturing processes, while a comprehensive portfolio with all necessary industry certifications streamlines the procurement and approvals processes.

Scan or click the QR codes below to discover our solutions that will optimize your cleaning performance, prevent dust emissions and reduce complexity:

HMI/SCADA Software

Innovative and flexible software solutions provide analytics and visibility to dust collector application productivity and energy consumption.

Diagnostics & Controls

ASCO™ Series DPT P152 Particle Sensor

ASCO Series P150Q Particulate Emission Monitor

PACSystems™ RSTi-EP CPE200 Series Controller

PACSystems RX3i CPL410 Edge Controller

PACSystems Edge Computing and Software

AVENTICS™ Series PE5 Pressure Sensors

TopWorx™ GO™ Switch Position Sensors

PACSystems Power Monitoring Module

Dust Pulse Technology Solutions

ASCO Series 353 Pulse Solenoid Valve

ASCO Series NF/WSNF Operator

ASCO Series 257 Pilot Valve

ASCO Series E909 Electronic Valve Controller

AVENTICS Pneumatic Cylinders

Scan code for more information.

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