



## PRESS RELEASE

# AFT will distribute PCME's particulate and emissions compliance monitors for the US cement and minerals industries

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PRESS RELEASE



PCME, leading specialist in the development, manufacture and supply of continuous particulate emission monitors and FLSmidth Inc - AFT Operations (Advanced Filtration Technologies), the leading manufacturer and supplier of baghouse filter bags, parts and services signed an exclusive distribution agreement to commercialize PCME's particulate monitoring solutions for the US cement and minerals industries.

"Both companies will work together by combining PCME's emissions monitoring products and FLSmidth's cement and minerals process knowledge to offer baghouse solutions to our customers," says John Johnson, AFT Sales Manager.

### Unique technology

PCME's unique ElectroDynamic™ probe electrification measurement technology is highly suitable for monitoring baghouses. This non-optical technique has the performance to meet the accuracy and reliability demands of NESHAP environmental regulation as well as providing reliable quantitative and qualitative monitoring for filter dust, filter leak and broken bag leak detection.

Core features of the technology include highly sensitive to dust levels below  $0.1\text{mg}/\text{m}^3$  while still providing reliable monitoring when dust levels are highly contaminating at up to  $500\text{mg}/\text{m}^3$ , not affected by velocity variations within typical baghouse velocity ranges of 8-20m/s, unaffected by contamination on the sensor rod (which may cause signal drift in other types of probe electrification devices) and suitable for monitoring conductive dusts which 'Short out the sensor'. Also, industrially hardened and intrinsically safe sensor options for hazardous zones (Gas and Dust), elevated temperatures up to  $1472^\circ\text{F}$  and elevated pressures to 50 bar. When combined with a patented ElectroDynamic™ insulated sensor, may be used to provide a unique and unrivalled reliable measurement in humid processes and spray drier applications (MCERTS certified).

## **A strong product portfolio**

Product portfolio ranges from a cost effective single compartment dust collector monitor to the top of the line network of monitors interconnected with controllers, software and quality assurance checks for multi-compartment baghouses. "These monitors are the best available technology compliant with many different environmental regulations such as MACT and NESHAP," says John Brown, PCME Sales Manager.

## **Press contact**

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