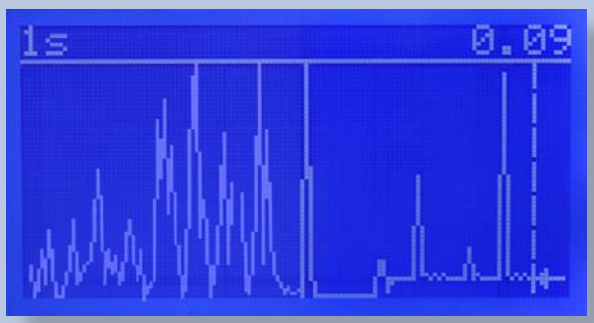
Specification Sheet

Passionate about Particulate PCME

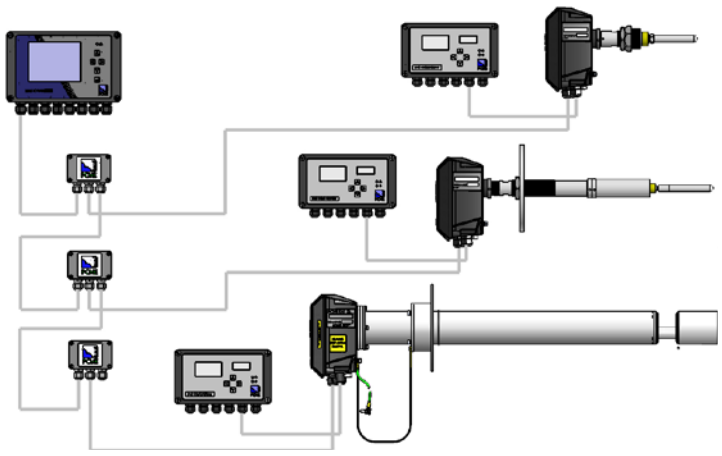
Bag Pulse Display Module

PCME's Bag Pulse Display Module, provides plant operators with a convenient tool for visually monitoring the performance of pulse jet cleaned bag filters in real-time.

The Bag Pulse Display Module can be connected directly to any PCME digital network (RS485 Modbus enabled) sensor providing graphical bag filter performance information local to the baghouse, without compromising the typical preference for a data logging control unit to be installed in a remote location, often with a PC interface. A digital marker-pulse input from a bag filter sequence controller direct into the Bag Pulse Display Module allows the operator to monitor filter performance in detail, identifying leaking bags by row and therefore minimising process interventions and bag replacement costs. The graphical display shows cleaning pulse spikes tracked in real-time with rolling 2 minute historical window. Power for the Bag Pulse Display Module is taken directly from the digital sensor network, allowing easy installation and flexible location.



For fixed cleaning cycles, integration with marker pulse input allows tracking of bag filter performance by individual row.



Typical connection / location of Bag Pulse Display Module

Number of Sensors to View	1
Display	Real time cleaning pulse height and duration
Inputs	Marker pulse for cleaning sequence start (digital contact closure > 1 sec)
Connection to Sensor	RS485 (Modbus RTU), 4 core overall screen cable
Power Supply	24VDC (via 4 core cable connection)
Enclosure Dimensions (mm)	220 W x 123 H x 80 D
Environmental Protection	IP65

Order Code

Bag Pulse Display Module	CON - B

Plant operators familiar with ***Predict*** and ***Predict View*** functionality with 'PC-ME Dust Tools' PC software will already understand the benefits derived from filter bag leak detection and location by row, especially for large and multi-chamber baghouses. The Bag Pulse Display Module can be used with sensor-only systems or as an addition to sensor networks with existing data logging control units. Existing users of **PC-ME Dust Tools** can extend system capability by addition of an easy to install and flexible network accessory for local analysis of baghouse performance.

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