



Question & Answer

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QuantiMass™ Mass Flow Measurement System

Q: Is the QuantiMass easy to install into my current production layout?

A: The QuantiMass' compact design can be easily installed in your current set-up and only takes a few minutes. Simply weld to a base, through which the sensor is screwed flush with the inside pipe. No redesign or changes to your current layout are required.

Q: How does the QuantiMass interfere with flow or the feeding of my product?

A: QuantiMass is a "contactless" sensor, because the QuantiMass is welded to a base and screwed flush with the inside of the pipe, there is no contact or impeding of the material being fed.

Q: My finished product requires an expensive chemical compound be added to the final mix. Can the QuantiMass help with dosing requirements?

A: The QuantiMass is perfect for regulating the flow of material. The ability to continuously monitor and adjust flow makes the QuantiMass an ideal sensor for controlling expensive additives or dosing requirements. The end results are consistent quality of product and money saved by using exact requirements for your final product.

Q: How does QuantiMass save me time or money?

A: QuantiMass utilizes "real" time continuous monitoring of flow. This allows you to monitor and make adjustments as required. This feature will allow you to be more efficient, reduce waste and maximize profitability.

Q: My product creates non-moving particles such as dust build up. How do I know I am getting an accurate reading using the QuantiMass?

A: The QuantiMass uses microwave frequency range inside the pipe. Microwaves are being reflected by particles passing through the pipe. This allows for accurate measurement of solid flow that excludes non-moving dust particles from the calculations.

Q: What are the most common places that QuantiMass may be installed?

A: QuantiMass is typically used in pneumatic conveyors and freefalling processes. The QuantiMass has been successful in a wide range of applications including, powders, dust, pellets and grains.

Q: What is the difference between QuantiMass Ultra and Pro?

A: The main difference is that the Ultra series sensor is offered with a controller that provides local interface, data logging and alarm outputs. The Pro series is offered with a DIN-rail transmitter that can be connected with an existing control system.



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