

Air/Gas Flow Meter



The ST75 air/gas flow meter, which measures fuel gas, process gas, inert gas, waste gases and air in small line sizes, is ideal for optimizing natural gas flow control for industrial ovens, heat chambers and furnaces to reduce process and plant fuel costs. Natural gas fueled industrial ovens, heat chambers and furnaces are used in a wide variety of heating process applications. Two of the most common types of industrial ovens are the batch oven and the conveyor oven. Batch ovens support variable product load sizes, volumes and multiple temperature profiles where a high degree of process flexibility is desirable. Conveyor ovens, on the other hand, support highly repeatable temperature profiles with uniform, predictable volumes. Flow meter helps process and plant engineers more accurately control their complex heating processes to optimize rise time, which lowers gas consumption and minimizes plant energy costs. In addition, reducing natural gas consumption shrinks a plant's carbon footprint to protect the environment. Meter is well suited for low flow and high flow operations in industrial ovens and operates over a wide flow range, from 0.01 to 559 SCFM (0.01 to 950 NCMH) depending on line size. For variable process conditions, the product is factory preset to a wide turndown range at 10:1 to 100:1.

Fluid Components International www.fluidcomponents.com [1]

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