

Space-Saving Air/Gas Flowmeter

The ST75V air/gas flowmeter can be used by engineers and technicians seeking a highly accurate mass flow measurement solution for hydrogen, natural gas, and other gases in small line processes and for skid-mounted equipment assemblies. It combines no-moving-parts thermal mass flow sensing technology with built-in Vortab flow conditioning to achieve +1 percent rdg, +0.5 percent fs accuracy, in line sizes from 0.25 to 2 in. In many applications, either space limitations or devices such as valves and elbows make it impossible to install a flowmeter with the required upstream/downstream straight-pipe run. This results in swirl and flow profile disturbances that invalidate the meter's accuracy. The ST75V solves this problem with built-in flow conditioning that eliminates media disturbances while reducing the needed pipe straight-run by up to 70 percent.

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