

Air/Gas Flow Meter For Wastewater

The Model ST51 Mass Flow Meter from Fluid Components International (FCI)



provides precise air/gas flow measurement in demanding environments. The meter is easy to install and requires virtually no maintenance to deliver a solution for wastewater digester gas systems. It features no moving parts, is non-clogging and operates over a wide flow range with low-flow sensitivity. It's packaged in an explosion-proof transmitter and the calibration is matched to the user's actual gas composition and installation conditions. The meter features a thermal mass, insertion-style flow element with flow accuracy to $\pm 1\%$ of reading over a broad flow range from 0.3 to 400 SFPS (0.08 to 122 MPS) and repeatability of ± 0.5 percent of reading. The flow element is available for use in line sizes from 2 to 24 inches (51 to 610 mm) diameters. It operates over a wide turndown range of 100:1, which is essential due to the variable gas flows in wastewater treatment plants and landfill gas operations. It operates at temperatures from 0 to 250°F (-18 to 121°C) and withstands pressures up to 500 psig [34 bar (g)].

Fluid Components International

<http://www.fluidcomponents.com> [1]

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<http://www.chem.info/product-releases/2013/12/air/gas-flow-meter-wastewater>

Links:

[1] <http://www.fluidcomponents.com>