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Gas Flow Meters, the name says everything; a meter that regulates the flow of gas; a meter that acts like a gladiator, which is under an oath to protect the investment at any cost. The above title is righteously given, because 1% percent mistake in the flow measurement could result in 99% loss of assets and that too irreparable. In case you are opting about giving a second thought to these meters, explore a bit about dreadful accidents that took place in Japan's pesticide factory in late 1980 and Hydrogen explosion accidents held in the same country in the year 1991.

Anyone can have a glimpse of these Gas Flow Meters in their parking or courtyard area of their property; a meter coated in gray or silver color, which performs two main functions; it regulates the flow and measure the consumption. These meters besides in residential uses, plays an important role in Industrial sectors, especially in chemical, oil and gas or power industry. In these factories, these meters serve a real purpose. Irrefutably, any malfunctioned reading means loss of gas, deteriorated quality and poor flow. These losses then become a limelight on the fiscal reports.

Let us explore some common flow measurement related mistakes, which results in wrong readings:

Wrong selection: The biggest challenge in industry is, "how to select a right flow meter", and most of the time, the reason behind its failure is the wrong selection. Therefore, before resting your investment on a particular meter, do check its sustainability; do check whether that meter is okay for measuring all sorts of gases. One needs to make a thorough comparison between its tangible and intangible factors, before implanting it in a unit. It is simply not recommended to install a flow meter without judging its flow range, desired accuracy, filter requirements, data update frequency, etc.

Gas carry under: these carry under conditions varies a lot while measuring other liquid flow which may or may not alter the accuracy of liquid flow measurement and this wrong mensuration results in shrinkage. This shrinkage later on results in wrong gas flow readings.

Straight run requirements: undeniably, every flow meter cannot measure every kind of flow; or in other words, these liquefied gases have different sensitivities to different kind of flow field deformations.

Meter installation: sometimes the reason behind wrong measurement is its installation, i.e. it is not properly installed. There might be mistakes with its alignment, direction, piping geometry and many others.

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Therefore, one need to buy a flow meter that can assure the best reading or measurement or a particular liquid gas, without any discrepancies. These a [Gas Flow Meters](#) must be checked for above mentioned points before implanting, in order to slay any chance of loss.

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