

MeasurIT Technologies Ltd. are pleased to introduce you to our April technical product update.

Yours sincerely,  
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### Gas Flow Measurements Comparison of Differential Pressure & Thermal Dispersion Technologies

by Art Womack, Sr. Applications Engineer,  
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As the costs of fuels and consumables (hydrogen, oxygen, etc.) continue to rise, the ability to accurately measure the amount used in a process becomes significant in controlling costs. The proper selection of a flow meter for measuring the amount of gas consumed in a process can be challenging.



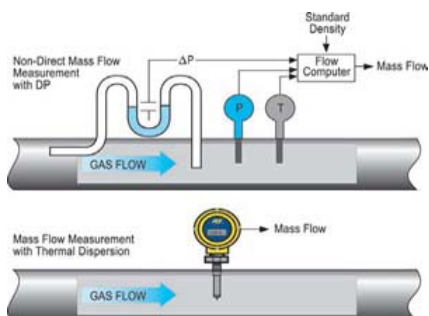
Getting one or two experienced gas flow meter manufacturers involved in the initial evaluation stage can add value by allowing them to make recommendations up front with regards to improving our flow measurements.

You will then have peace of mind that the flow meters that you have selected are right for the application and will provide your organization with accurate measurements!

Consideration should be given, but not limited, to the following items when selecting a flow meter for gas measurements: accuracy, turndown ratios, pressure drops, process temperatures, additional sensor requirements, and process connections.

To help develop a method that will allow us to effectively compare technologies, we are going to look at how these factors are addressed by **Differential Pressure** and **Thermal Dispersion** technologies. [read whole article.](#)

Read more about [Flow Meters](#) at [www.measurIT.com](http://www.measurIT.com).



### ON-SITE Flow Measurements

Let us do the work for you!

We will arrange for our engineer to come on-site and perform non-invasive flow measurements according to your requirements.

[Read more.](#)



### Thermal Energy Meters

**Thermal Energy Meters** allow easy determination of the energy flow.

In times of rising energy prices, controlling and optimization of the energy flow is of utmost importance for cost conscious users..

[Read more.](#)



Focus on..



### Our Products

**Valves:**

- Water Control Valves - **SINGER**
- [new items](#) Pinch Valves
- All-Rubber Check Valves - **TIDEFLEX**
- Tideflex Mixing Systems
- Tideflex Effluent Diffusers
- Waterflex Check Valves
- Flow Regulators
- Expansion Joints



**Sensors:**

- Level Gauges, Switches & Transmitters
- Flow Conditioners - **VORTAB**
- [new items](#) Flow Meters
- [new items](#) Thermal Energy Meters
- Flow Switches
- Pressure & Temperature Switches