

If you would like to receive this email in the future, [subscribe directly](#).

..... **ValvesSensorsSystems**

measurIT technologies

<< Home
<< see other Publications

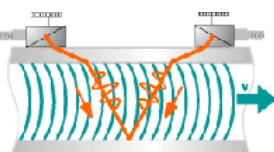
NL-2009-1-10

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

Yours sincerely,
Zoe Williams, zoe@measurIT.com

How Ultrasonic Flowmeters work?

For the measurement, two ultrasonic pulses are sent through the medium, one in flow direction, and a second one against it.



The transducers are alternatively working as emitter and receiver.

The transit time of the ultrasonic signal propagating in flow direction is shorter than the transit time of the signal propagating against flow direction. [read more >](#)

- Non-contact - **no bacterial contamination!**
- Clamp-on - **no breaking the line!**
- Viton coupling - no grease - **no maintenance!**

You can check you water usage at any time! Read here about [portable ultrasonic flowmeters](#).

[send me info](#)

Case Study: Gas station supervision

The gas station in Rosny-sur-Seine, France had experienced a pollution of the ground water.

Elf displayed important means to take care of the pollution in emergency in order to prevent a contamination of the boring wells.

For the Elf Antar network, it was a test to qualify the [OilSpy](#) technology in gas stations.

OilSpy detects floating hydrocarbons using a patented polymer membrane. The membrane dissolves in the presence of a pollutant and triggers an alarm which can be transmitted by cable, radio or phone link.. [read whole case study >](#)

See also: [OilSpy oil spill detectors](#)
See also: [Overfill protection for Petroleum Storage Tanks - Accutrak level Transmitters](#)

[send me info](#)

Process Refractometers

Have a sharp glance at your process!
Refractometry is an ideal analytical procedure for an accurate and reliable measurement of a liquid's purity, concentration or density. A refractometer measures the refractive index of a fluid, a quantity which is characteristic for this specific substance and correlated to other properties such as concentration and density.

Thanks to a [unique transmitted light measurement](#), P10XR reaches a high precision, is thermically driftfree and zero point stable.

Customer specific fluid data can be implemented with the help of the [software tool RMKoeff](#). [read more >](#)



World's First SIL2 Certified Magnetostrictive Level Transmitter

..... The [AccuTrak AT100](#) and [AccuTrak AT200](#) high accuracy, magnetostrictive liquid level transmitters have been certified for operation in SIL 2 (Safety Integrity Level 2) environments.

The [AccuTrak transmitters](#) are the first magnetostrictive transmitters in the industry to be certified to the exacting IEC 61508 safety standard.

They help reduce risk at the process measurement level when implementing Safety Instrumented Systems (SIS) in process plant environments, such as chemical plants, refineries, and power plants.. [more >](#)



Focus on..

SIX
MONEY-SAVING
MASS FLOW
MEASUREMENT
TIPS