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## ValvesSensorsSystems

MeasurIT Technologies Ltd. are pleased to introduce you to our December 2009 technical product update.

Yours sincerely,  
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### Backflow and Flooding Prevention

Sadly, it appears that as time passes, incidences of freak weather conditions are on the increase, so we should use our whole knowledge and experience to protect our towns, homes and businesses from flooding.

Only this way we will avoid situations such as this in Baldoyle (on the northside of Dublin), described by The Irish Times on June 23, 1993:

*"The problem on June 11th was that even when flooding was at its height, the amount of water escaping was very small. It was not until the council crews returned to the area the following day and used a digger to lift the flap valve that the flooding subsided.*

*In the past, when the area was under Dublin Corporation's jurisdiction, a local man was paid to lift the flap on days of heavy rainfall, but this arrangement was discontinued by the council.,*

### How can we gain more confidence in reliable operation of our drainage systems?

[Tideflex Check Valves](#) provide an alternative to the more traditional flap-gate style valves, which have historically required constant inspection and maintenance to ensure that the flaps are seated correctly, and that no objects or debris prevent the gate from closing. Warpage, corrosion and a tendency to become stuck in one position also characterize flap-gate style valves. The [all-Rubber Check Valves](#) are designed to avoid those maintenance problems. . [read more](#) >

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### Dehumidifiers - combat excess moisture

[Amcor D850e and D950e Dehumidifiers](#) are ideal for professional and commercial applications as well as for use in larger residential applications.

They are an effective tool to combat excess moisture in food preparation areas, bathing and leisure areas, stores, archives, cellars, museums, libraries and many more locations.

An elegant, slim line design converts our [powerful dehumidifiers](#) into units that would blend with any decor.

Due to low noise level they are also very popular in museums, libraries and archive rooms... [read more](#) >

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## measurIT technologies

### When it rains.. Flow regulation!

A large number of sewage systems have inadequate capacity to transport amounts of water produced by prolonged rain.

When the water level in the pipes rises above a certain level, basements and other low placed localities are flooded.

The solution does not require any investments in larger pipes or in basins, it only requires flow control with suitable flow regulators. [Learn more about Stormwater Flow Regulators](#) >



### Water Level Measurements

[KSONIK Micro](#) is a low cost compact level transmitter (with integral transducer).

Application - liquids and solids:

- raw water,
- waste water,
- slurries,
- diesel,
- bulk solids, coal, rock.

The [KSONIK Micro](#) is mounted on top of the vessel or tank. The microprocessor fires a pulse that travels to the level that is being measured and is reflected back to the sensor. [read more](#) >



### Oil Spill Detection

Oil spill detection in ground and surface water - an efficient detection, of floating hydrocarbons and chloride solvents at the contact of which the membrane tears.

Short reaction times:

- Super grade petrol - 4 sec
- Trichloroethylene - 10 sec
- Kerosene - 26 sec
- Diesel and domestic fuel - 2 min
- Crude oil - 2 min

**Easy to use** - the system automatically follows the water level and does not require any calibration or adjustment.  
**Multiple applications** - drinking water monitoring, wastewater, industry.

**Adaptable to every site** - version for underground water, slide, basin buoy, coastal buoy.

**Alarm stations** - radio transmission.  
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