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NL-2009-II-09

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

Yours sincerely,
Mark Radford, support@measurIT.com



Weirflex - Solution for managing CSO capacity

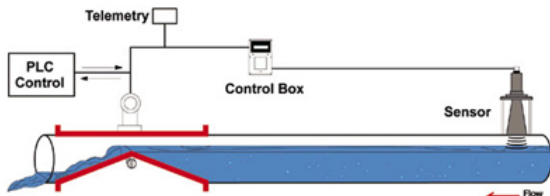
The [Weirflex Control Pinch Valve](#) is designed to specifically meet the needs of **stormwater and combined sewer systems**.

The valve features a full-port opening for unobstructed flow when in the open position.

To control the rate at which stormwater enters a collection system, the valve is closed from the bottom, creating an adjustable weir.



This allows operators to **adjust for seasonal rainfall changes, wet-weather conditions, storm events** or changing population demands.
[read more >](#)



Case Study: Flow measurement of wastewater in a WWTP

In the 813 km² catchment area of the Wupper river, the Wupperverband - a German public water corporation - fulfils all water and wastewater related tasks.

The Buchenhofen wastewater treatment plant in Wuppertal is the largest of the 11 treatment plants operated by the Wupperverband.

From mid-2003 to mid-2005, the Buchenhofen WWTP was expanded to enable advanced nitrogen elimination for a connected load of 700 000 population equivalents.

Within the course of this expansion, the inlets of the denitrification tanks and recirculation pipes between the aeration tanks and the denitrification tanks had to be equipped with flowmeters. The [FLUXUS ADM 7407 non-invasive clamp on ultrasonic measuring systems](#) were chosen. They have provided.. [read whole case study >](#)

[See also: Non-invasive flow measurements!](#)

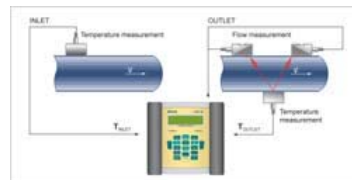


Thermal Energy flow in a system

In times of rising energy prices and environmental regulations, **optimization of energy flow** is a most crucial issue.

From heat delivery between central heating plants to end users or heat transfer flows in industrial processes: controlling and balancing the flow of energy is of utmost importance for cost conscious users.

[FLUXUS BTU](#) allows the easy determination of the energy flow in a system. [read more >](#)



Singer - water control valve

San Jose Water Company California, USA:

"We have purchased over 150 [Singer valves](#) ranging in size from 1 1/2 up to 24" in our distribution system. The quality technical support, ability to meet operational needs for both standard and custom applications, and a reliable product are just a few of the reasons why we use [Singer Valve](#) for all of our control valve applications." [read more >](#)



Tideflex duckbill check valve

Tideflex Technologies was the **original inventor and manufacturer of [duckbill style check valve](#)** - maintenance-free **backflow prevention**.

[Twenty years of proven field operation](#), research and development, and continued engineering enhancements have combined to make the Tideflex Model TF-1 today's most reliable check valve. [read more >](#)



Focus on..