

ValvesSensorsSystems

measurIT technologies

MeasurIT Technologies Ltd. are pleased to introduce you to our July 2010 technical product update.

Yours sincerely,
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Introducing CheckMate™ ::: The final move for backflow prevention!

Tideflex Technologies' patented in 1998 **CheckMate™ Inline Check Valve** is your winning solution for **backflow prevention and odor control applications**.

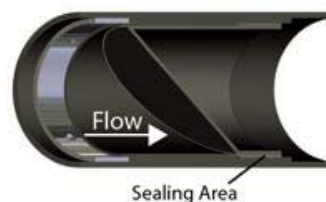
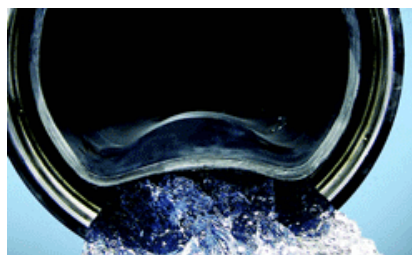
CheckMate™ Valves feature a custom-engineered, all-rubber unibody design that eliminates costly backflow from oceans, CSO, SSO, rivers, stormwater and interceptors.

CheckMate™ Valves have very low headloss, which is especially beneficial in low laying areas.

- Extremely low headloss – [please contact us for headloss charts!](#)
- Opens to near full pipe diameter
- Easily installed in any type of pipe
- Operates on differential pressure - no mechanical parts
- Self-draining - less than 1" of head pressure cracks open the valve
- Virtually maintenance-free
- Silent, non-slamming
- 4" (100 mm) - 72" (1800 mm) size
- 25 year life expectancy

Passes Large Debris and Eliminates Seating Problems Most traditional valves are prone to debris lodging in the seating area, which in turn prevents the valves from closing.

The CheckMate™ Valve remains in the closed position until flow in the forward direction opens it. The fabric-reinforced elastomer CheckMate™ Valve seals tightly around silt and small debris, preventing unwanted backflow. [read more](#) >



Mixing System eliminates water stagnation in finished water storage facilities

Tideflex Technologies has developed a way to **improve water quality in distribution-system reservoirs**.

The Tideflex Mixing System (TMS) is a combination of [Tideflex Check Valves](#) and a simple piping manifold that, when installed inside a water storage tank, improves overall circulation and mixing, eliminating stagnation and hydraulic short-circuiting.

"The TMS is a great idea for any tank that has a single protrusion. It solves the problems associated with a common inlet/outlet without doing any excavation. It's a really great way to go."

(Jon Billeci, plant superintendent, City of Antioch)



The City of Antioch, California, was one of the first to put the TMS to the test when it launched to its 33-year-old finished water storage reservoir. Like many older tanks, this circular 11,300m³ reservoir was designed with a single protrusion that acted as a common inlet and outlet. [read more >](#)

[Tideflex Mixing Systems >>](#)

Fail Safe Air Package - Pinch Valves

The Fail Safe Air Package is a stand by system designed to actuate the pinch valve closed **in the event of plant air failure**.

This system has sufficient storage capacity in the reserve air tank to close a [Type A Pinch Valve](#) in the event of air or electrical failure.

The Fail Safe Air Package is simply an isolated stand-by reserve air supply. Air is locked into the tank and stored until plant air failure. Upon failure of plant air or electricity the fail safe will “trip” and allow air to close the Type A Pinch Valve.

Air pressure is admitted to the valve through a 3-way pilot valve or a solenoid valve depending on which type of failure mode is desired and ordered. [read more >](#)

[Pinch Valves >>](#)

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