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ValvesSensorsSystems

measurIT technologies

MeasurIT Technologies Ltd. are pleased to introduce you to our February 2010 technical product update. In this issue:

- [Aeration & Mixing Systems](#)
- [Penstocks: Headwall & Channel](#)
- [Reduce water leakages, control pressure!](#)

Yours sincerely,
 Zoe Williams,
 zoe@measurIT.com, +353 (0)53 942 8962
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Aeration & Mixing Systems

- Fine Bubble Aeration
- Coarse Bubble Aeration
- Combination Fine & Coarse

Tideflex Air Diffusers were developed to overcome the limitations of traditional coarse and fine bubble designs.



By incorporating patented [Tideflex Check Valve technology](#) into the design of each air diffuser model, Tideflex has created a line of products that offer excellent mixing and oxygen transfer characteristics, while preventing the backflow and clogging that is the cause of most maintenance in an aeration system.

Tideflex diffusers can significantly reduce operating costs by eliminating clogging and the manpower requirements for cleaning.. [read more](#) >

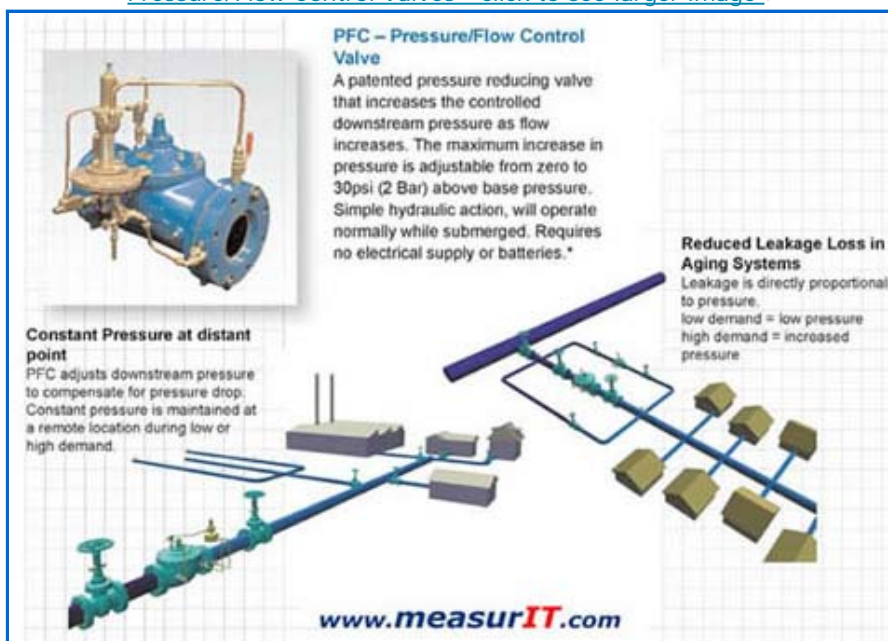
Penstocks: Headwall & Channel

- Headwall or channel installation,
- Bi-directional leak-tightness or one-way flow,
- Full flow,
- No dead zones,
- AISI 304, AISI 316,
- Replaceable seal,
- Light construction => easy and safe installation,
- Low operating torques,
- Manual, gear box, electromechanical actuators.. [read more](#) >



Reduce water leakages, control pressure!

[Pressure/Flow Control Valves - click to see larger image >](#)



PFC – Pressure/Flow Control Valve
A patented pressure reducing valve that increases the controlled downstream pressure as flow increases. The maximum increase in pressure is adjustable from zero to 30psi (2 Bar) above base pressure. Simple hydraulic action, will operate normally while submerged. Requires no electrical supply or batteries.*

Constant Pressure at distant point
PFC adjusts downstream pressure to compensate for pressure drop. Constant pressure is maintained at a remote location during low or high demand.

Reduced Leakage Loss in Aging Systems
Leakage is directly proportional to pressure.
low demand = low pressure
high demand = increased pressure

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New Literature

[Water Leakage & Flood Protection](#)



[Liquid & Gas Flow Measurements](#)



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