

Monoflex® Pumps Make Groundwater Sampling Simple

Mitch Davis - Campbell Manufacturing Co.



Monoflex Isomega® Bladder Pumps are designed to obtain representative groundwater samples from monitoring wells. The bladder pumps employ a closed collection system that eliminates agitation or air contact with the sample. This system

provides the best method available for recovering groundwater samples having dissolved volatile organic compounds. The bladder pumps are available in PVC, 304 or 316 stainless steel and Teflon. All models feature a bladder assembly constructed of Teflon® and stainless steel for sample integrity and durability, regardless of the pump body material.

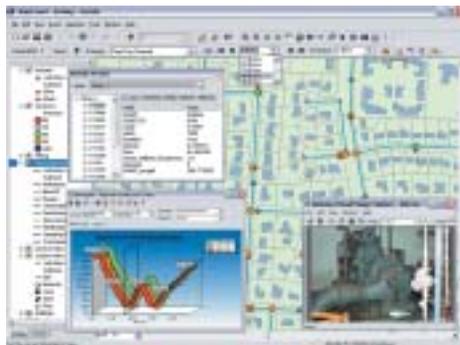
Monoflex Air/Gas Displacement Pumps are designed for fluid sampling, well purging, or well development and are available in PVC and 304 or 316 stainless steel. The displacement pumps are capable of pumping turbid water and can be used to pump wells dry.

Monoflex Pump Controllers are designed to operate Monoflex pneumatic pumps to depths as great as 250 feet. The controllers are designed for applications ranging from well pumping or well development to low-flow sampling. In wells where there is a minimal amount of water above the pump body, the operator can utilize the exclusive vacuum assist feature, which maximizes the amount of fluid drawn into the pump by applying a vacuum to the pump bladder assembly. Use of this vacuum assist feature can substantially increase the pumping results.

To view or download installation manuals for Monoflex Isomega Bladder Pumps, Air/Gas Pumps, Porous Cup Lysimeters, or the Monoflex Product Catalog, visit www.campbellmfg.com and click on the Monoflex logo.

WaterGEMS™: Haestad Methods Launches First True Geospatial Water Distribution Modeling and Management Software

Lucy Wheeler - Haestad Methods



Haestad Methods announces the release of WaterGEMS™, the world's first true Geospatial Water Modeling and Management System for business use. WaterGEMS is the most powerful GIS-based solution available for efficiently modeling, managing, and protecting our most valuable resource – water.

Haestad Methods' WaterGEMS provides seamless integration of water distribution modeling and GIS (Geographic Information Systems). Professional engineers and GIS specialists can easily manage water system data, time-series hydraulic results, current and future scenarios, and other core infrastructure data within the same GIS environment.

“The real advantage of WaterGEMS is its ability to operate GIS analysis and hydraulic modeling in one environment using one dataset,” comments Scott Cattran, Associate and GIS Manager at Woolpert LLP, “This results in tighter integration, which coupled with the ability to customize the user interface, gives you the most sophisticated GIS-integrated modeling package on the market.”

WaterGEMS was developed using ArcObjects™ technology from GIS leader ESRI and state-of-the-art computing tools from Microsoft's .NET initiative. Through ArcObjects, the new ArcGIS™ 8 technology foundation from ESRI,

WaterGEMS capitalizes on the intelligence of the new geodatabase format instead of relying solely on shapefile technology and data exchange methods.

WaterGEMS builds on the ease of use of Haestad Methods' flagship product WaterCAD®, the world's most widely used and recognized water distribution model. WaterGEMS incorporates all the modeling functionality from WaterCAD, and adds advanced geospatial capabilities for taking full advantage of existing GIS data, a feature that quickly maximizes the return on investment. Dozens of other new features have also been added to supplement this versatile new product.

Visit <http://www.haestad.com/software/watergems/> or contact Christine Byrne at (203) 805-0432.

FindaSensor.com Launched

A new Web site, www.findasensor.com, has been launched that provides information on sensors available to measure “almost anything.” The site's category list includes atmosphere, dataloggers, irrigation systems and parts, moisture content, plant-related, soil-related, temperature, and water-related sensors. Category listings lead the user to specific examples of available equipment, which in turn link to the supplier's listing of that sensor and to the supplier's site. The Web site “grew out of the need for more real and impartial information on sensors and sensing, something promised but hard to find on the Internet today,” according to the site. Suppliers are encouraged to add their company and product details to the supplier listings for no charge, including a product photo per category. The site is international in scope; suppliers are listed from all over the world but can easily be filtered by country if desired. Currently, 80 suppliers and 360 products are listed to act as a seed to generate further content. The site is a useful resource, and the potential for it to become even more valuable is great, as more suppliers are added. The site is an extension of the successful www.sowacs.com (soil water content sensor) site established in 1995.