

## Remote Automatic Sampling Capability Added to Hach Water Distribution Monitoring Panel

Earlier this year, Hach announced that the company successfully configured an American Sigma 900 MAX Auto-Sampler with the Hach Water Distribution Monitoring panel. The panel provides continuous, remote surveillance of drinking water distribution systems. With the addition of the American Sigma sampler, a sample can be collected immediately when an out-of-limit condition occurs.

Configuring an auto sampler to work in conjunction with the Water Distribution



Monitoring Panel presented significant challenges. The primary problem lay in overcoming a wide gap in allowable sample pressures. Flow entering the panel itself is typically between 40 and 70 psi and can be as much as 150 psi, while the sampler works with sample pressure only up to about 7 psi. Hach came up with a successful engineering solution to this problem and has created an interface panel that can provide a sample the moment any instrument shows a parameter has deviated beyond the acceptable range.

The auto sampler provides 24 individual sample bottles and can be programmed to sample at selected intervals as well as in out-of-limit conditions. Samples can be returned to the laboratory for analysis

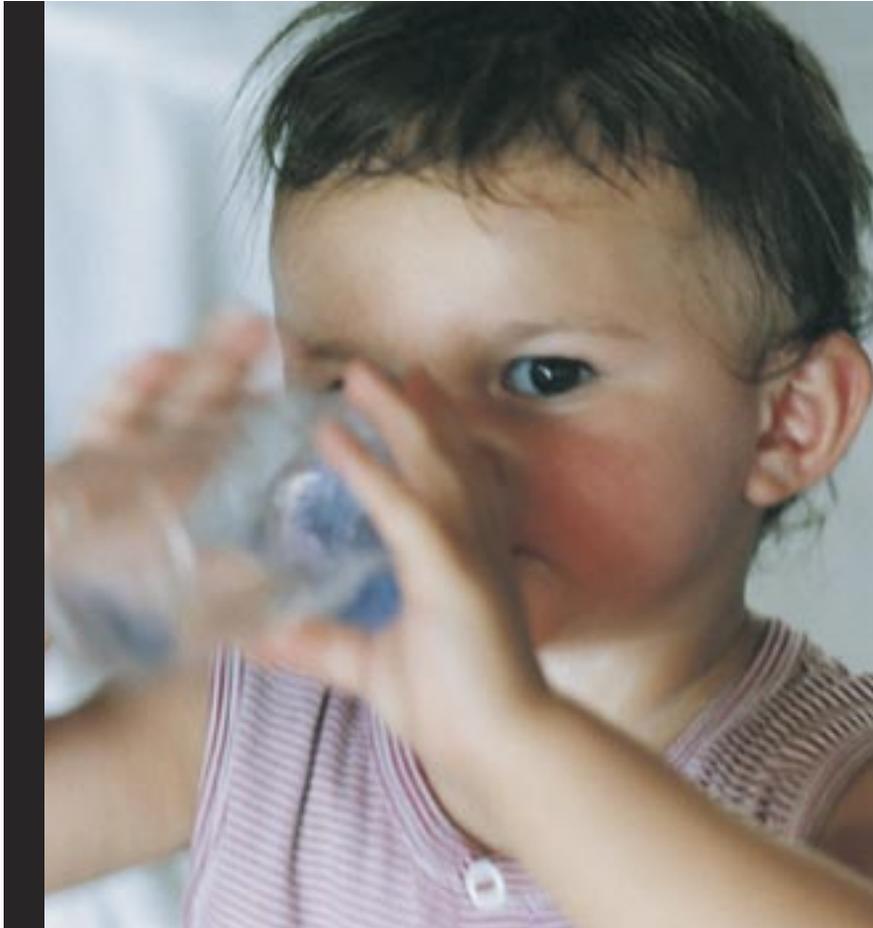
to determine the specific events and conditions associated with changes in water quality.

Visit [www.hach.com](http://www.hach.com).

## No-Purge Groundwater Sampler Available from GeoInsight

GeoInsight recently introduced the HydraSleeve groundwater sampler that the company says is an effective, inexpensive, disposable no-purge sampler that is fast, easy to use, and can cut field sampling costs in half. Especially effective in low-yield wells, the HydraSleeve is an innovative alternative to traditional, more expensive sampling devices, and it can sample for all compounds.

What makes the HydraSleeve sampler unique and effective, says GeoInsight, is its patented design and ease of use. The sampler is lowered into the well screen at a user-specified interval. Water pressure keeps the bag collapsed and the check



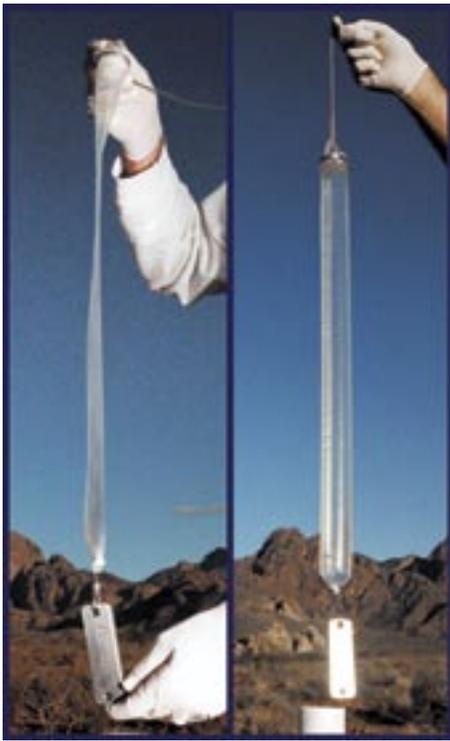
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Empty HydraSleeve sampler (left) and filled HydraSleeve sampler (right).

valve closed. HydraSleeve fills when the check valve is moved upward faster than one foot per second. There is no

change in water level and minimal sample agitation during collection, providing lower turbidity than purge-and-sample techniques. Once filled, the sampler seals itself and can be recovered without entry of extraneous, overlying fluids.

GeoInsight is currently offering a free sample of the HydraSleeve to qualifying companies; call 800-996-2225 for details.

Visit GeoInsight at [www.geoinsightonline.com](http://www.geoinsightonline.com).

### In-Situ Announces New Water Quality Sonde

In-Situ Inc. announced the release of the Multi Parameter (MP) TROLL 9000E water quality sonde specifically designed for long-term deployment. According to the company, the sonde has an extended battery life of close to seven months when sampling nine parameters at 15-minute intervals, offering advantages such as increased accuracy due to less site disruption and cost savings from reduced labor associated with site visits. The instrument is 1.79 inches in diameter

and is powered by four standard D-size alkaline batteries.

The MP TROLL 9000E is the extended deployment option available on certain MP TROLL 9000 units that monitor groundwater or surface-water parameters including temperature, conductivity, dissolved oxygen (DO), pH, oxidation/reduction potential (ORP), total dissolved solids, salinity, depth, and barometric pressure, with additional options for measuring nitrate, ammonium, ammonia, chloride, and turbidity. In-Situ states that innovations in the MP TROLL 9000 series were designed to address shortfalls in similar products elsewhere on the market. These innovations include "smart sensors" that are precalibrated at the factory; "digital DO," which ensures that dissolved oxygen measurements are correctly compensated for changes in temperature, salinity, and barometric pressure; and "Single Quick-Calibration Solution," which allows simultaneous calibration of DO, conductivity, pH, and ORP.

For more information, visit [www.In-Situ.com](http://www.In-Situ.com) or contact Forbes Guthrie at 800-446-7488, ext. 544.



## NEWSBRIEF... Enviro-Tech Services Expands Its Purger Pump Series

Enviro-Tech was the first company to name and Patent the popular "Purger" Pump. Since 1993 we have manufactured and delivered the Purger ES-Series single and two stage pumps to the Environmental Industry. Currently, in conjunction with Proactive Industries, we now offer three new 12-volt DC operated pumps capable of pumping up to 200-feet.



ES-60



ES-90

ES-120



ES-200

Cat. No.	Description	Price	SALE
ES-40	Purger ES-40 ..... Pumps to 40 feet	\$189.00	\$77.00
ES-60	Purger ES-60 ..... Pumps to 60 feet	275.00	135.00
ES-90	Purger ES-90 ..... Pumps to 90 feet	459.00	400.00
ES-120	Purger ES-120 .... Pumps to 120 feet	489.00	455.00
ES-200	Purger ES-200 .... Pumps to 200 feet	799.00	699.00
PB-001	Variable Control Power Booster (for ES-90, ES-120)	335.00	320.00
PB-001C	Variable Control Power Booster w/ Control Flow (for ES-90, ES-120)	525.00	445.00
PB-002	Variable Control Power Booster (for ES-200)	625.00	575.00
0512-072	100' Roll Tubing	55.00	43.00

\*ES-90, ES-120, and ES-200 require a Power Booster for operation. Power Booster also provides variable control flow.

### Specifications

	ES-40	ES-60	ES-90	ES-120	ES-200
Well depth	Up to 40'	Up to 60'	Up to 90'	Up to 120'	Up to 200'
Lead line	50-feet	62-feet	100-feet	130-feet	210-feet
Output (max.)	3gpm	2.8gpm	4.5gpm	5.0gpm	6.0gpm
Diameter	1.5"	1.875"	1.5"	1.5"	1.5"
Length	6"	13"	14"	19"	28"
Expected life	300 to 450 hrs. (55,000 gallons)	300 to 450 hrs. (55,000 gallons)	300 to 450 hrs. (55,000 gallons)	300 to 450 hrs. (55,000 gallons)	300 to 450 hrs. (55,000 gallons)
Power *	12 Volt DC	12 Volt DC	12 Volt: The ES-90, ES-120, and ES-200 require a power booster to increase voltage		

Toll Free Phone Ordering **1-800-468-8921**

