

# HYDRASleeve

US Patents No. 6,481,300; No. 6,837,120; No. 9,726,013 others pending

## NO PURGE GROUND WATER SAMPLER

**By more effectively sampling groundwater, especially in low-yield wells, the new HydraSleeve "No Purge" ground water sampler can cut field sampling costs in half!** The low-cost, disposable HydraSleeve captures a "core" of water from any discrete interval in the screened portion of the well with no change in water level and minimal disturbance to the water column. HydraSleeve is sealed except during sample collection, then re-seals itself, assuring that a representative sample is recovered. The low-profile HydraSleeve can be fabricated in various sizes to match well and sampling requirements. HydraSleeve makes ground water sampling a simple, three-step operation.

### FEATURES:

#### EFFECTIVE

- Sample for ALL compounds
- Best sampler for slow recharge wells
- Repeatable sampling method
- Lower turbidity than purge and sample
- Slim cross section minimizes disturbance

#### INEXPENSIVE

- Reduces field sampling costs by 50% - 80%
- No purge water disposal
- No expensive equipment

#### FAST

- Collect samples in less than 15 minutes
- Cuts total field time by half or more
- No decontamination

#### EASY TO USE

- No training or special tools required
- Small, convenient and simple shipping

#### USES

- Long term ground water monitoring
- Sample low-yield wells
- Determine dissolved containment fraction
- Sample crooked or constricted wells
- Vertically define contaminant concentrations



EMPTY

FULL

## Simple by Design

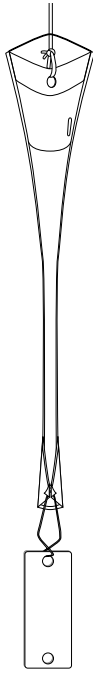
[www.hydrasleeve.com](http://www.hydrasleeve.com)

# HOW IT WORKS

## ONE

### Placing Sampler

HydraSleeve is lowered into place and positioned in the well screen. Water pressure keeps bag collapsed and check valve closed, preventing water from entering sampler. Well is allowed to return to equilibrium.



## TWO

### Sample Collection

HydraSleeve fills when the check valve is moved upward faster than 1 fps. It fills by continuous upward movement. When moving upward, the check valve opens and fluid flows into the bag. There is no change in well water level and minimum sample agitation during collection.



## THREE

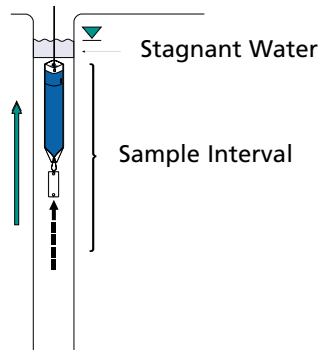
### Sample Retrieval

Flexible bag is full and check valve closed. Sampler is recovered without entry of extraneous, over-lying fluids. Note: Several HydraSleeves may be stacked on the suspension cable for vertical profiling.

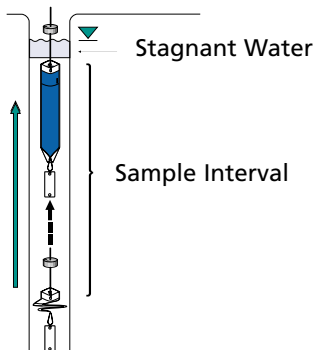


## METHODS OF SAMPLING WITH THE HYDRASLEEVE

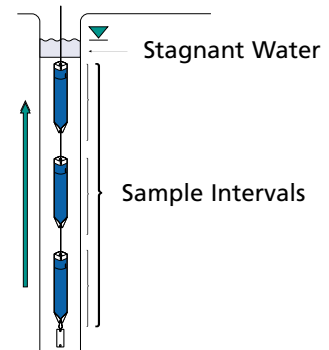
### Continuous Pull - Bottom Weight



### Continuous Pull - Top Weight



### Vertical Profiling Multiple Samplers



There are several HydraSleeve sizes and configurations available.

Please visit [www.hydrasleeve.com](http://www.hydrasleeve.com) or call 800-996-2225

for more information.