



# Flow Sampling System

Measure, Totalize, and Sample Water Flows



- Ideal for wastewater, industrial and environmental sampling
- Simple to operate – no programming required
- Rugged construction for harsh environments
- Over 20 preprogrammed flume and weir tables for ease of use and flexibility
- Scalable flow proportional sample triggering
- Flow Data Recorder is Windows and PDA compatible

## Description

Global Water has created a unique flow sampling system. This system includes an easy to use lightweight composite water sampler, an open channel flow monitor with dual displays and outputs, and a data recorder that is both Windows and PDA (Windows CE or Mobile) compatible. This compact system is portable for field installation and fully customizable to meet your needs.

### Water sampler

Global Water flow proportional water samplers are enclosed in rugged, rainproof, lockable carrying containers. The water sampler's state of the art controller gives you complete control over your water sampling process. An automatic 15 second backflush cycle clears any debris from the strainer and empties the water from the hose so the next composite sample is not contaminated. Inside each standard water sampler container is a 2-gallon polyethylene sample bottle for collecting composite samples, a peristaltic sampling pump, an easy to use control panel (No programming required) and a rechargeable gel cell battery.

### Open Channel Flow Monitor

The Global Open Channel Flow Monitor is reliable and accurate for measuring and totalizing open channel flows for all flumes and weirs, as well as any gravity-type open-channel flows. The flow monitor is preprogrammed with over 20 different flume and weir characteristics and can also be custom programmed for your unique application. The water flow meter measures water depth with the highly accurate Global Water pressure transducer.

### Flow Data Recorder

Global Water's flow data recorder works with Windows-based and PDA software. The data recorder monitors and logs both flow rate and total flow for your records. Data downloaded from the recorder can easily be opened in any PC spreadsheet program for analysis and graphic presentation.

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