

Isco Flow-through Sample Chamber

Flow-through sampling – where you want it.

This patented* device allows you to eliminate time-consuming trips to remote monitoring points. By installing flow-through chambers on transfer lines from monitoring points within your plant, you can collect all your samples in one convenient sheltered location.

- ◆ Use with any Isco sampler and bottle configuration
- ◆ High flow rate – up to 150 GPM
- ◆ Attachable parameter probe ports
- ◆ Save on sampling costs by eliminating retrieval trips

Monitor parameters too

The Isco flow-through system also allows you to add other modules in conjunction with the sample collection point. Now you can add a chamber for pH, DO, or other parameters that need to be measured on-site. This lets you expand your capabilities and simplify your monitoring in a single step.



The flow-through chamber is ideal for large treatment plants with multiple sampling points spread over a large area. Save time and trouble by collecting all your samples at a single indoor location.



Representative sampling with low maintenance

Isco's flow chamber obsoletes dipper-type samplers. With its patented "stinger" probe, samples can always be collected from the middle of the flow stream, allowing you to use a much stronger pump to circulate the sample to the chamber. Simply loosen the retaining collar to adjust the probe up or down inside the chamber, then tighten it to secure the probe in the desired position.

The Isco flow chamber accommodates flows up to 150 g/m (6.3 l/ps). By increasing the flow rate, you reduce maintenance and cleaning – and, there's no flow stoppage as with a dipper-type sampler and weir structure.

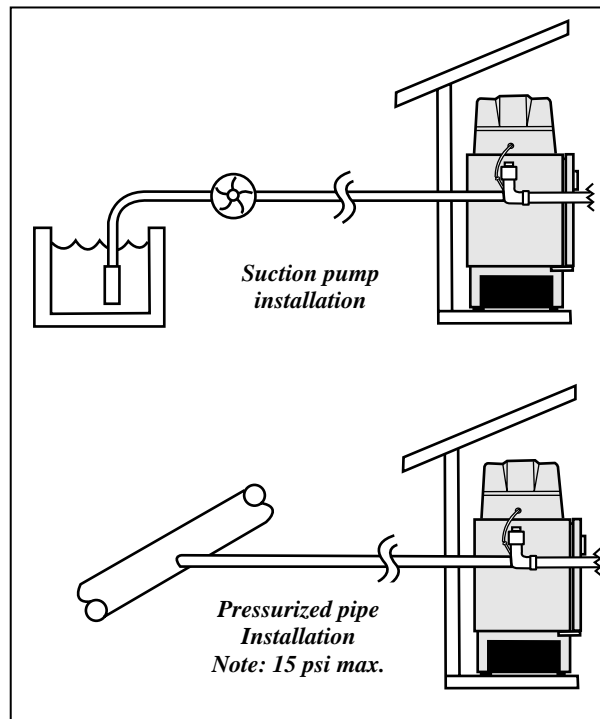
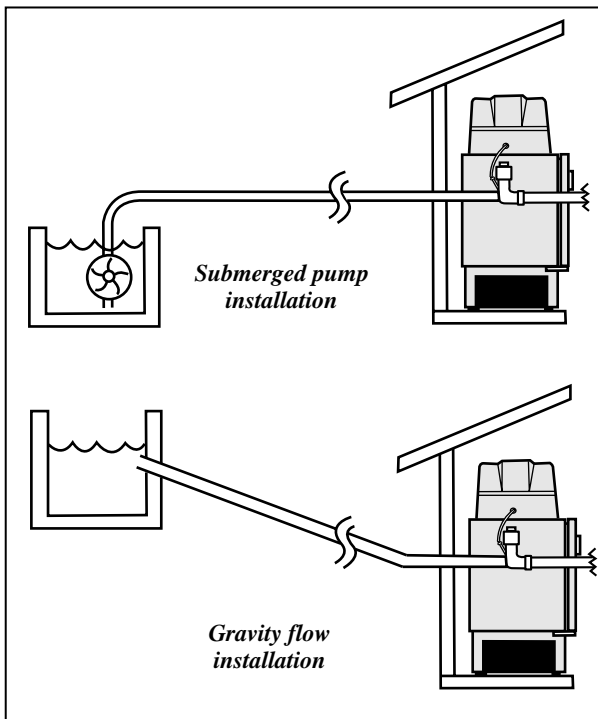
* Patent # 5,341,690

Specifications

Isco Flow-through Sample Chamber	
Materials:	
Chamber body	PVC
Probe	PVC or PEEK (see ordering information)
Length:	8 in (20.3 cm)
Inlet diameter:	2 in (5.1 cm)
Outlet diameter:	3 in (7.6 cm)
Minimum flow rate:	10 g/m (0.4 l/s)
Maximum flow rate:	150 g/m (6.3 l/s)
Max. line pressure:	15 psi (1 Bar)

Ordering information

Description	Part Number
Flow-through sample chamber w/ PVC "stinger" probe	60-5304-888
Flow-through sample chamber w/ PEEK "stinger" probe (Note: You must include both item numbers)	60-5304-888 and 60-5314-191
For optional PEEK "stinger" probe (only)	60-5314-191



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