

# Hi-temp 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 hi-temp 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.



## *Representative sampling with low maintenance*

Teledyne 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.

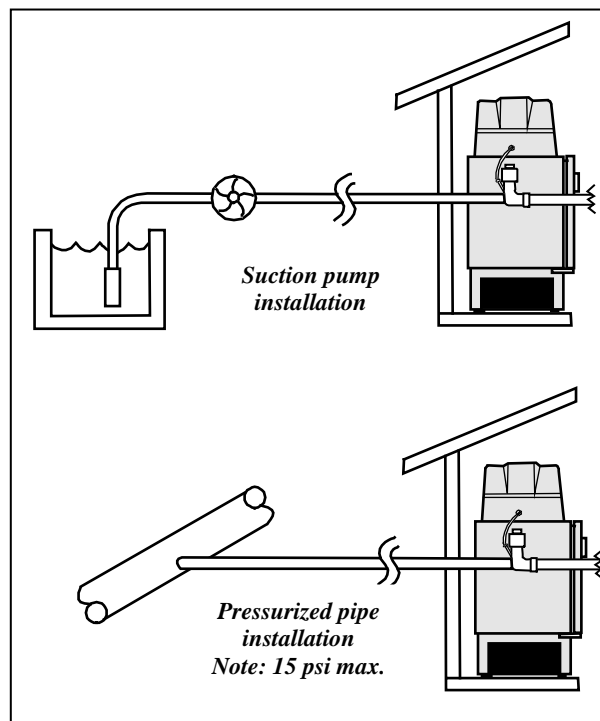
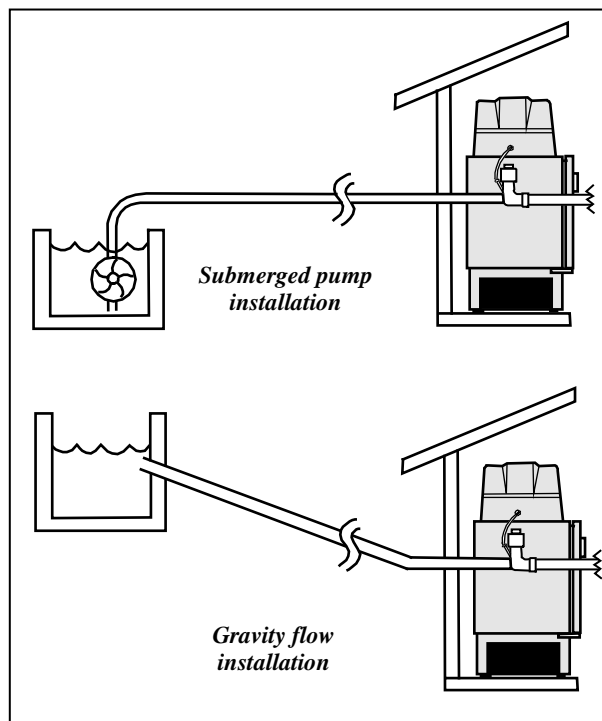
\* Patent # 5,341,690

## Specifications

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

## Ordering information

Description	Part Number
Hi-temp flow-through sample chamber w/ CPVC "stinger" probe	60-5314-978
Hi-temp flow-through sample chamber w/ PEEK "stinger" probe (Note: You must include both item numbers)	60-5314-978 and 60-5314-191
For optional PEEK "stinger" probe (only)	60-5314-191
Chamber mounting bracket	60-5304-914



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