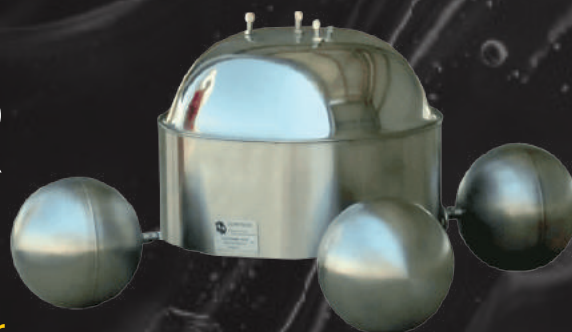


SF450 FLUX CHAMBER SAMPLER

The Perfect Sampler for Both Land and Water



The Scentroid Flux chamber sampler (AKA Emission Isolation Flux Hood) is used to determine levels of emissions from solid or liquid surfaces. The SF450 has a 100% solid stainless steel construction to ensure zero cross-contamination. Flotation is achieved using 4 stainless steel floats eliminating the need for rubber tubes or foam making the unit easy to clean and maintain.

How to Use

Connect the flux chamber sampler sweep airline to either nitrogen or zero air cylinder

Move the flux chamber sampler to the sampling location and allow time for the 2 air exchanges inside the chamber

Extract sample using a vacuum chamber. For aerated liquid sources, an air sweep may not be required



Built for Solid & Liquid Surfaces

The flux chamber has been designed for both solid and liquid surface sample collections



Stainless Steel

Chamber is made of 100% stainless steel construction – both parts and casing



Flotation Device

Stainless steel unit floats without the need of foam or rubber tubes for liquid sampling



Stainless Steel Fitting

Stainless steel fitting for clean air sampling, relief flow, and temperature probes



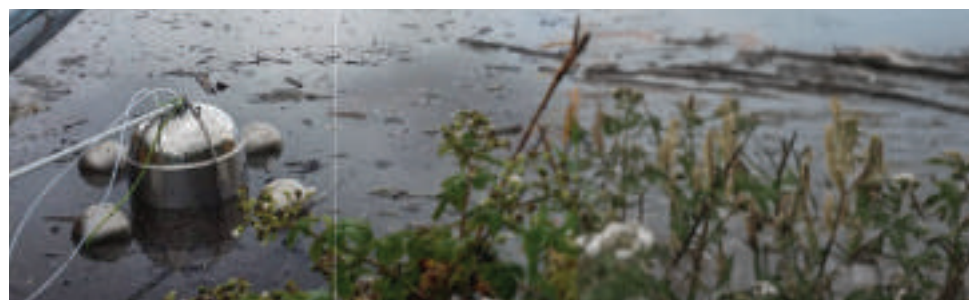
Extra Fitting

Extra fitting available for thermo-couple probe (sold separately)



Chain Handle

The Scentroid Flux Chamber comes equipped with a chain handle and a hoist ring for easy movement and transportation



Sampler Applications

- Emission measurements from liquid surfaces such as settling tanks and off-spec ponds
- Emission measurements from solid surfaces such as compost piles and sludge
- Emission measurement from liquid active sources such as aerated lagoons
- Ideal for the sampling of corrosive sources e.g. with high benzene or H₂S content
- Ideal for field operations that require quick decontamination

Construction	450 mm (17") diameter with an enclosed surface area of 0.1555 sq meters (240" squared)
Material	All stainless steel construction including floaters for optimal decontamination
Fittings	Standard fittings designed for 1/4" or 12mm OD PTFE tubing for a sweep and sample air (custom fitting sizes available)
Additional Fittings	More fittings available for pressure/temperature sensors (specified at the time of ordering)
Port	Dedicated pressure relief port