

SW60

SCENTROID SW60

Wind Tunnel Sampler (AKA Ventilated Sampling Hood)

Scentroid SW60 is the next generation Wind Tunnel Sampler (AKA Ventilated Sampling Hood), used for sampling on solid or liquid surfaces with passive odour emissions in accordance with the EN13725 and VDI3880. The SW60 offers a number of unique features that make it the most accurate and user-friendly area source sampler in the world.

► CONTINUOUS AIR SPEED MONITORING

Scentroid SW60 has a built-in anemometer that remotely monitors the exact wind speed inside the tunnel. The data is logged and shown on any mobile tablet or phone. This not only significantly increases the accuracy of odour sampling, but also provides a means of setting the air speed to the exact desired value.



► ULTRA-LIGHT AEROSPACE MATERIALS

Scentroid SW60 is made of state-of-the-art PTFE coated aluminium composite material that is both, extremely rigid and ultra-light. The wind tunnel only weight 10 kg making it very easy to handle by a single technician. Despite being extremely light, the composite material makes the SW60 tough enough to withstand the toughest working conditions.



► A COMPLETE SELF-CONTAINED SOLUTION

The Scentroid SW60 comes as a complete sampling solution. The kit includes the wind tunnel, the floaters, and the air supply. The air supply enclosed in a waterproof carrying case contains an activated carbon filter, a variable speed blower, and a battery pack. Simply connect the air supply to the tunnel and set the desired air speed.



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Manufacturer	SCENTROID
Model	Scentroid SW60
Sources for Sampling	Liquid or solid passive (non-ventilated) sources
Electronic Interface	Air speed measurements
Wind speed range	0.15 m/s to 1 m/s
Battery capacity	1.5 hours
Charging options	12V DC car outlet, 100-240 V AC power
Power supply	12V-8Ah deep cycle rechargeable battery. Can also be operated directly from 12V auto power outlet
Air supply	Carbon filter, variable speed blower and flexible aluminium duct enclosed in a waterproof carrying case.
Standards	VDI 3880, EN13725, AS4323
Sample port	1/4" / 12 mm stainless steel compression fitting
Removable Floaters	PTFE coated aluminium
Wind Tunnel Material	PTFE coated Aluminium Composite
Dimension	167x23x33 cm without floaters installed / 167x23x74 cm with floaters installed
Weight	10 kg



FEATURES...

1. Continuous use for more than 1 hours

The SW60 battery pack can sustain the blower for 1.5 hours of continuous use. Plugging the SW60 to a standard 12V auto power outlet, will allow for infinite use while also charging the battery pack.

2. Lindvall Concept

The SW60 is designed based on the Lindvall concept, which is considered the industry's most widely accepted and most accurate wind tunnel design.

3. Uniform air flow

The SW60 uses a series of 15 fins to direct the air speed within the chamber ensuring complete uniform flow for highest level of odour sampling accuracy.



4. ZERO CONTAMINATION

As with all Scentroid products, contamination control is a high priority for the SW60. The instrument is entirely PTFE coated aluminium composite with no plastic parts.



5. PORTABILITY

Scentroid SW60 has been designed to be easily handled and deployed by a single technician. The floaters can be dismantled and carried separately while the entire air supply module is built into a single waterproof carrying case.



6. VARIABLE AIR SPEED

The Scentroid SW60 has a variable air supply allowing the technician to set any air speed between 0.15 to 1 m/s. The air speed is continuously monitored via the built-in anemometer to ensure readings are accurate and reliable.



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