

SS600

ODOUR

LABORATORY

World's Most Advanced Dynamic Stationary Olfactory Lab



The SS600 is the most effective olfactometer on the market. Each sample analysis round of six steps will take less than 3 minutes to complete. Hardware and software has been meticulously designed to minimize test time and sample consumption.



Fast and Efficient

With the world's shortest sample processing time, the SS600 will allow you to complete seven samples per hour with three rounds and five dilution steps each



Cost-Effective

Smallest sample consumption of any olfactometer on the market. Save on sampling, shipping, cleaning, purging, etc.



International Standards

The SS600 adheres to all international standards including: EN13725:2022, ASTM E679-04, NVN2820, VDI 3881, GB/T14675-93, AS 4323.3



Upgrade Available

Ability to upgrade from the SS600 to the SS800 which features 8 total olfactory stations and the built in admin panel



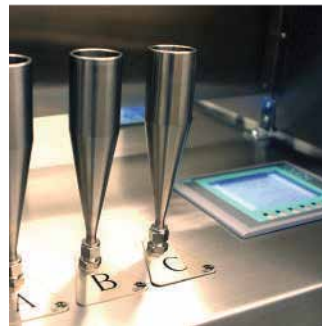
Accuracy

Uses high-accuracy mass flow controllers to monitor and adjust both sample air and the clean diluting air



Unparalleled Reliability

Siemens control hardware and machine interface coupled with specialized Stainless steel valves, mass flow controllers



Test Modes	Triangular Forced, Binary Forced, YES/NO, Direct Presentation, Hedonic Tone, GB Source, GB Boundary
Panels	Six panellist stations and one administrator stations
Dilution Principle	Stainless Steel Venturi Vacuum Pump
Control Mechanism	Mass flow controllers on sample air intake & Mass flowmeter on diluting clean air
Dilution Range	2 to 2 ¹⁶ , with an optional 2 to 2 ²⁴ available
Dilution Steps	Variable
Accuracy	Error less than %5
Dilution Sequence	Selectable: Increasing or Decreasing dilution series
Pres. Flow Rate	Variable: 5 lpm to 30 lpm
Velocity (m/s)	0.25 m/s at 20 lpm
Sample analysis time	5 minutes for 3 rounds with 5 dilution step per round and 15 second sniff time
Sample Consumption	Typical: less than 10 L for 3 rounds with 5 dilution steps and 15 second sniff time
Computer Interface	Siemens next generation industrial controller (PLC)
Display and Interface	Siemens 8" full color touch-screen for administrator station & a 6" touch-screen for each of the panellist stations
Display and Interface	Test data including end-criteria and statistics processed through PLC. Collected data formatted and presented as comaseparated to be used in excel or other post data processing software
Dimension/Weight	330 cm x 120 cm / 150kg
Display Language	English, French, German, and Spanish, Turkish, Arabic, Mandarin, Cantonese
Wetted Material	Stainless Steel on all odour surfaces
Standards	EN13725:2022, ASTM E679-04, NVN2820, VDI 3881, AS4323.3