



PORTABLE  
AIR SUPPLY  
UNIT

# SS400 PORTABLE 6 STATION OLFACTOMETER

WORLD'S ONLY PORTABLE SIX-PANEL OLFACTOMETER!

The Scentroid SS400 Six Station Portable Olfactometer Odour Lab is the world's most advanced portable 6 panel olfactometer. As per design, the compact, flexible form allows for easy transportation and deployment. Connections between panelist stations and the central control pyramid allows the SS400 Six Station Portable Olfactometer to be set up to fit a table within any room layout. Full automation and data processing using Scentroid's Laboratory Information Management software allows any laboratory to be easily certified to ISO17025.

## USE THE SS400 TO:

- Determine odour concentration in OU/m<sup>3</sup> as per EN13725 standard
- Conduct hedonic tone assessments of odour emissions
- Conduct panelist training and N-Butanol screening
- Determine odour concentration in accordance with Chinese and Japanese standards (GB/T14675-93)

Dilution Principle	High precision medical grade mass flow controllers
Dilution Range & Steps	2 <sup>3</sup> to 2 <sup>16</sup> at 15 steps
Accuracy	95% Accuracy
Flow Rate & Analysis Time	20 LPM at 7 samples per hour
Sample Consumption	Less than 10L for 3 rounds with 5 dilution steps and 10s sniffing time
Body Material, Dimensions, & Weight	Stainless Steel, 63.5 x 63.5 x 31 cm, 30 kg olfactometer, 35kg air supply unit
Standards	EN13725/2003, ASTM E679-04, VDI3881, AS4323.3

## COMPACT & PORTABLE!

Scentroid's SS400 can be transported to any remote location minimizing the time between sampling and analysis to avoid sample degradation. Each SS400 includes a hard water tight and shockproof carrying case.

## ADVANCED USER INTERFACE

The Scentroid SS400 employs a friendly user interface for both administrators and panelists. Each panelist interacts with the instrument using a small and intuitive handheld display. Administrator controls the instrument wirelessly via tablet.

## STATE-OF-THE-ART SOFTWARE

LIMS, or Scentroid Laboratory Information Management Software is used for complete automated panelist screening, sample tracking, analysis reporting, and other routine operations. The process to obtain ISO17025 certification has never been easier!

The SS400 Six Station Portable Olfactometer has a unique and remarkable calibration service never before seen in industry. Each year, another control pyramid will be provided to the user. Modules will come pre-calibrated with brand new tubing, ultrasonically cleaned and ozone purified valves and dilutors, and 100% tested and recertified electronics. All firmware and possible hardware upgrades will also be implemented to ensure the latest features are available for all users. The SS400 Six Station Portable Olfactometer owner keeps the new control pyramid and sends back the old one to the nearest Scentroid service centers. This service will ensure the unit is always performing optimally. It's like having a new unit every year!