



SCENTROID SS400

Portable 6 Station Olfactometer

Scentroid SS400 is an advance mobile 6 station portable olfactometer. The SS400 is used to assess odour concentration from a sample using 2 presentation modes (Binary or Yes/No) by fulfilling the requirements of the EN13725 and VDI 3881 standards.

▶ ODOUR ANALYSIS TO ALL STANDARDS

The Scentroid SS400 uses the latest technologies to deliver absolute precision & functionality. Users can perform olfactometry analysis to EN13725 & VDI 3881 with Binary, Yes/No, and Hedonic test methods.



▶ PORTABILITY WITHOUT COMPROMISE

SS400 can be transported to remote locations minimizing the time between sampling and analysis to avoid sample degradation. SS400 includes a hard watertight and shockproof carrying case.



▶ EASY CALIBRATION

The SS400 is designed to facilitate easy annual calibration as required by the EN13725 standard. Every year, Scentroid will ship you pre-calibrated SS400 Core. All you have to do is send us back your SS400 Core. The Core you have received will have ultrasonically cleaned components and all new tubing.

Its like having a new machine every year.



▶ PORTABLE AIR SUPPLY UNIT

The SS400 comes with its own clean air supply module. The 2 HP ultra-quiet air compressor and all its associated intercoolers, filters, and pressure regulator are built into a easy to carry hard watertight and shockproof carrying case for easy transportation.



▶ **SCENTROID**
431 Alden Road. #3
Markham, ON, L3R 3L4

▶ **CONTACT US**
Local: +1.416.479.0078
Toll-Free 1.888.988.IDES (4337)

▶ **WEB AND EMAIL**
Email: info@scentroid.com
www.scentroid.com

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Manufacturer	SCENTROID
Model	Scentroid SS400
Number of Panelists	From 1 up to 6 panelists
Test Modes	Binary, Yes/No, Hedonic Tone (VDI), Intensity
Dilution Principle	Fixed orifice jet pump with Stainless Steel educator
Dilution Range	2^2 to 2^{16}
Dilution Steps	15
Accuracy	Error less than 5%
Presentation flow rate	20 lpm
Sample analysis time	7 samples/hour (8 min)
Sample Consumption	Less than 10L for 3 rounds with 5 dilution steps and 10 second sniffing time
Panelist Control	Touch Screen Panel
Administrator Display and Interface	10" smart tablet touch screen
Display language	English
Presentation	2 Stainless Steel sniffing ports per station
Body	Stainless Steel
Software upgrade	Automatic over Wi-Fi
Dimensions	63.5 x 63.5x 31 cm
Weight	30 kg olfactometer and 35 kg air supply module
Standards	EN13725/2003, ASTM E679-04, VDI3881, AS4323.3

ADVANCE USER INTERFACE

The Scentroid SS400 uses state of the art technology that creates a friendly interfaces to the administrator and the panelists. Using Bluetooth and WIFI technologies each panelist interacts with the instrument using a smart watch with an Android OS. The application is very intuitive even for those who use the instrument for the first time. Administrator controls the instrument wirelessly via 10" tablet.

LABORATORY INFORMATION MANAGEMENT SOFTWARE

The Scentroid SS400 seamlessly integrates with Scentroid's laboratory information management software (LIMS) for complete automated panelist screening, sample tracking, analysis reporting, and other routine operations. LIMS and SS400 provide are designed to make the process of acquiring ISO17025 certification easy and straight forward.

