



# SE700 SURGICAL OLFACTOMETER

## MULTICHANNEL OLFACTORY STIMULATOR

The Scentroid Surgical olfactometer, SE700, delivers odorants to patients with absolute precision in concentration and duration. The instrument interfaces with an EEG machine to determine the response of the patient to the administered odorants. The SE700 instrument can administer up to 4 different odorants in any combination. The odorants can be administered individually or mixed in any combination. The SE700 is also able to control the concentration of the odorants individually or in a mixture.



### Concentration Control

Each odorant is connected through a precise electronic flow regulator, allowing the instrument to control the concentration of the odorant being administered



### Clean Air Supply

The SE700 houses a miniaturized air pump along with a three-stage filter to provide clean odour free air.



### Odorants

Up to 4 standardized compressed gas cylinders can be connected and controlled separately. Sensors warn of cylinder depletion.



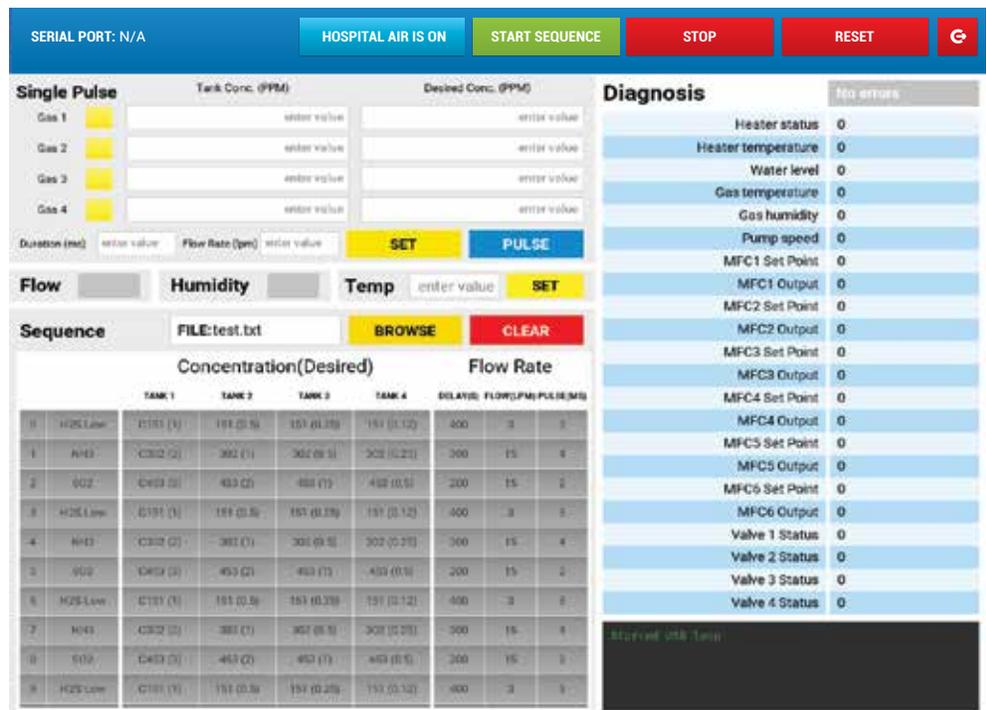
### Odorant Delivery to Patient

Push to connect fitting accepts universal 1/4" OD tubing, delivered via standard nasal cannula.



### Interface with EEG Machine

Serial interface provided that can communicate to any EEG instrument. SE700 provides precise triggering when each odorant is released.



The user programs the SE700 through the built in 22" touch screen monitor. Parameters such as air flow rate, pulse duration, odorant mixture, and concentration are all selectable through an easy to use on-screen interface.

**Dimensions:** 100 x 75 x 137 cm  
**Weight:** 225 kg  
**Power Requirements:** 110-220V, 3A  
**Minimum Pulse Length:** 0.1 Seconds

**Interface to EEG:** Serial  
**User Interface:** 22" Touchscreen Monitor  
**Max # of Odorants:** 4 (optional up to 32)

