



DynaScent Digital Olfactometer

The next generation olfactometer is equipped with the latest robot technology and sensor technology. The digital technology eliminates the need for flow measurement devices and ensures excellent accurate and repeatable dilutions. Its instrumental performance exceeds the requirements in both Australian and New Zealand AS/NZS 4323.3:2001 standard and the European EN 13725:2003 standard.

Excellent repeatability and stability in dilution ratios from 2 to 128,000 over 17 dilution steps

Venturi gas mixing mechanism with the improved sniffing cups to reduce the backpressure effects on the dilution processes caused by the nose during the sniffing

Minimum contamination by eliminating the flow measuring device (such as rotameter or mass flow meter) and by implementing comprehensive flushing programs with three levels of flushing (between samples, between testing rounds and between dilution steps) during the operation

Auto-calibration using either tracer gas or mass flow rate to calibrate the olfactometer and validate the dilution ratios

Intelligent operation with the optimum starting step, flushing the olfactometer and the completion of sample testing without operator interference

Database management system to store the experimental data for the analysis of panellists, instrument and laboratory performance

There are 9 analytical windows and 11 formatted reports
Odour intensity relationship with random presentation order and DynaScent calculation method

Ambient odour measurement using odour intensity ratings (7 levels)

