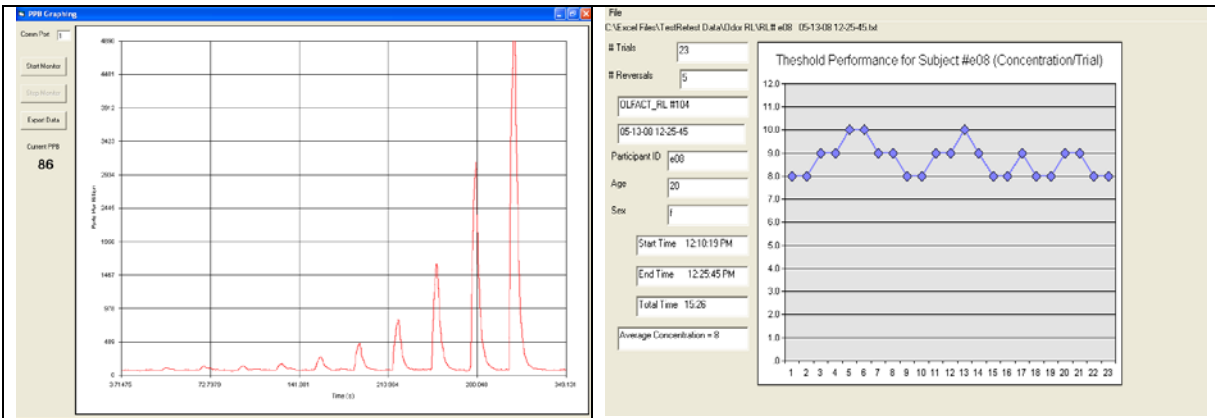


## OLFACT-RL™

The OLFACT-RL™ is a computerized, self-administered, odor threshold test that has proven to be a reliable and valid instrument for assessing olfactory function.



*Applications include tests for anosmia, hyposmia and normal olfactory function in a clinical setting as well as for use in basic research and epidemiological studies.*

### Features and Functions:

- **ASTM industry standard odorant** - 13 concentrations of n-butanol , binary dilution steps starting at 4% v/v in light mineral oil
- **Forced choice stimulus presentation** - 2 stimulus presentation are used for each trial - 1 blank & 1 butanol concentration
- **Computer controlled stimulus presentation** – minimizes inter-administrator variability and subject errors and omissions
- **Automated recording and scoring of responses** – eliminate tedious and expensive manual data entry, and allows easy exporting of results
- **Computer regulation of odor stimuli** - accurately and consistently regulate the timing, duration and/or concentration of the odorant (odor concentrations are verified using photoionization detection; eight lowest steps show above, left panel)
- **Automated reports and analyses** – are immediately available without tedious and expensive manual data entry, export/import and formatting ( right panel; see manual for details).
- **Computer Instructions** – instructions are conveyed by an audio-visual presentation, minimizing the variability due to administrator – subject interaction and avoids elaborate and lengthy explanations about how to take the test

# OLFACT-RL™

## Features and Functions (*continued*):

- **Responses entered through computer mouse or optional touch screen or keypad** – makes the test easy to perform, even for persons with disabilities
- **Large visual icons and text** – for visually impaired individuals and for young children or individuals with limited reading skills
- **Incomplete test results** – are stored and can be retrieved if the test is terminated early.
- **2 alternative forced choice response** – allows unbiased reporting
- **Demographic and clinical data** - are stored in an SQL database for easy importation into spreadsheet, database, or statistical package for further reporting and analysis
- **Practice trial** - is given at beginning to insure participant understands the protocol
- **Future versions of the software** – will include a normative database so comparative & analytical reports can be easily prepared for immediate feedback

## Warranty:

One-year warranty, which includes a recharge at 6-months to insure the quality and consistency of the odorants. At the end of 12 months a service charge will be required for additional recharges to extend the warranty. Each recharge is good for 50 threshold tests or 6 months, whichever comes first.

## Support:

- Technical support
- All maintenance included in the price for the tests purchased
- Program modifications available:
  - Basic programming at \$80 per hour
  - Senior systems analyst/programmer for development of new protocols at \$120 per hour

## Technical Specifications:

- Olfactometer: 5.3” x 10.28” x 11.81”, 6 lbs; 12VDC external power supply
- Laptop with Windows 7 (included with system)

*Other products are available for odor identification and odor memory testing.*