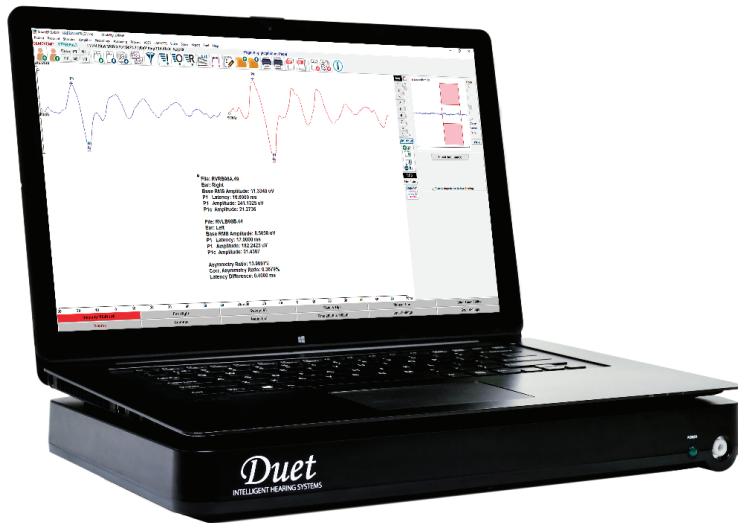# SmartVEMP

innovative solution for cVEMP and oVEMP

We are excited to introduce the new & improved SmartVEMP option. Available on the Duet, our sleek, portable, and versatile clinical platform, SmartVEMP is the only device cleared for oVEMP and cVEMP testing on patients of all ages.
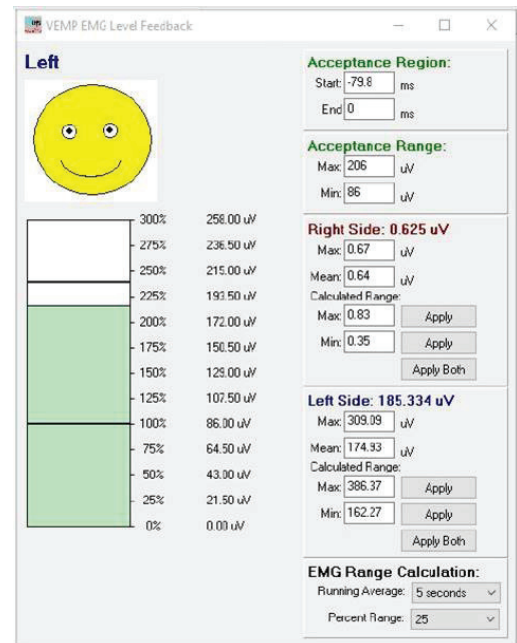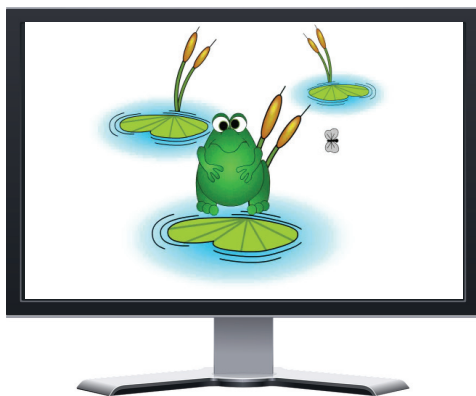

integrated EMG monitoring

SmartVEMP includes the ability to monitor EMG activity with the same recording electrodes: no need for additional EMG monitoring electrodes. The module also features a user-friendly interface to easily choose the target EMG levels for your patient.

- Choose patient specific acceptance amplitudes
- Automatically calculates the acceptance range
- User-defined acceptance and rejection regions
- Only averages sweeps with adequate EMG activity

improved bio-feedback options

Patient-friendly options for visual bio-feedback:

- Feedback box with LED indicators
- On-screen EMG level display with happy/sad face
- Animated videos for pediatric testing

INTELLIGENT HEARING
S Y S T E M S

many options, one smart system

the VEMP solution you've been waiting for

The most advanced VEMP module in the market has been enhanced to become the ideal clinical tool for recording oVEMP and cVEMP responses in patients of all ages. Our next generation bio-amplifiers bring you repeatable, reliable data you can count on.
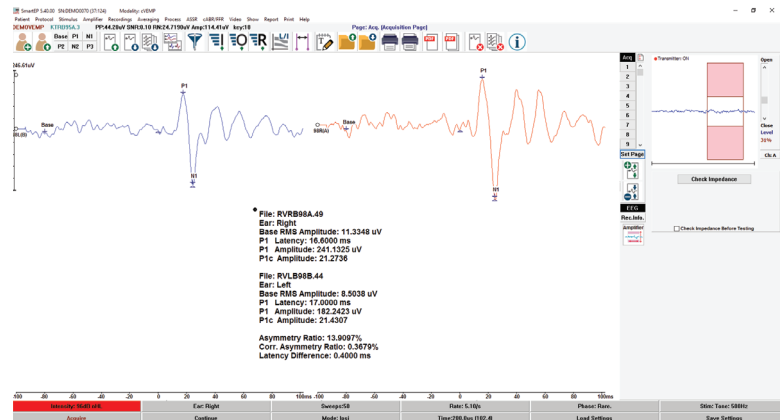
user-friendly features

- Easy main screen access to test parameters
- Quickly load preset cVEMP and oVEMP protocols
- Automated impedance checking and on-screen display
- On-screen EMG for easy viewing and monitoring patient state during testing

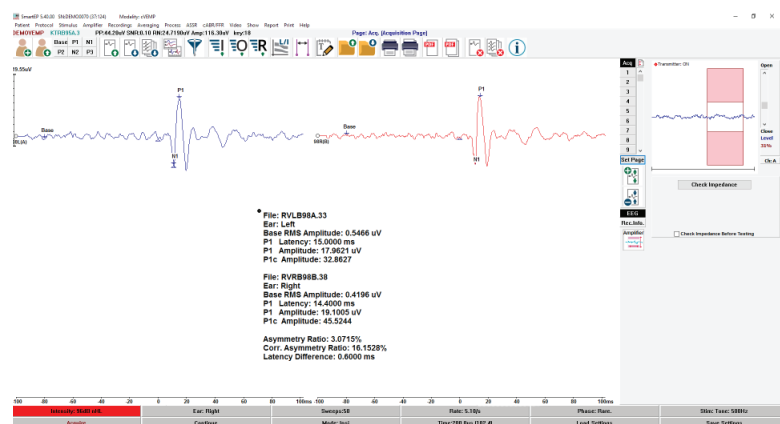**Sample cVEMP Recordings**

smarter VEMP analysis

- Easy to mark peak labels using mouse or keyboard
- Baseline automatically marked to the user-defined acceptance region
- Create a grand average using multiple recordings
- Easily compare left and right VEMP responses
- Automatic calculation of corrected amplitude and asymmetry ratios.
- Amplitude corrections based on pre-stimulus EMG activity

Sample oVEMP Recordings

computer requirements

Windows 10 operating system

Minimum 4 GB RAM

Minimum 5 GB hard drive space

Minimum XGA display

(1024x768 screen resolution)

Grounded, 3-prong power supply

Compliant with IEC 60950

Mouse or other pointing device

One available USB Port

Removable media, network drive, or secure Internet storage site for data backup (recommended)

Printer (optional)

regulatory / standards compliance

US FDA (K163326)

Safety: IEC 60601-1 Class II, Type BF

EMC: IEC 60601-1-2

EP: IEC 60601-2-40

Medical Device Directive: 93/42/EEC

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