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

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

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

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
- Medical Device Directive: 93/42/EEC