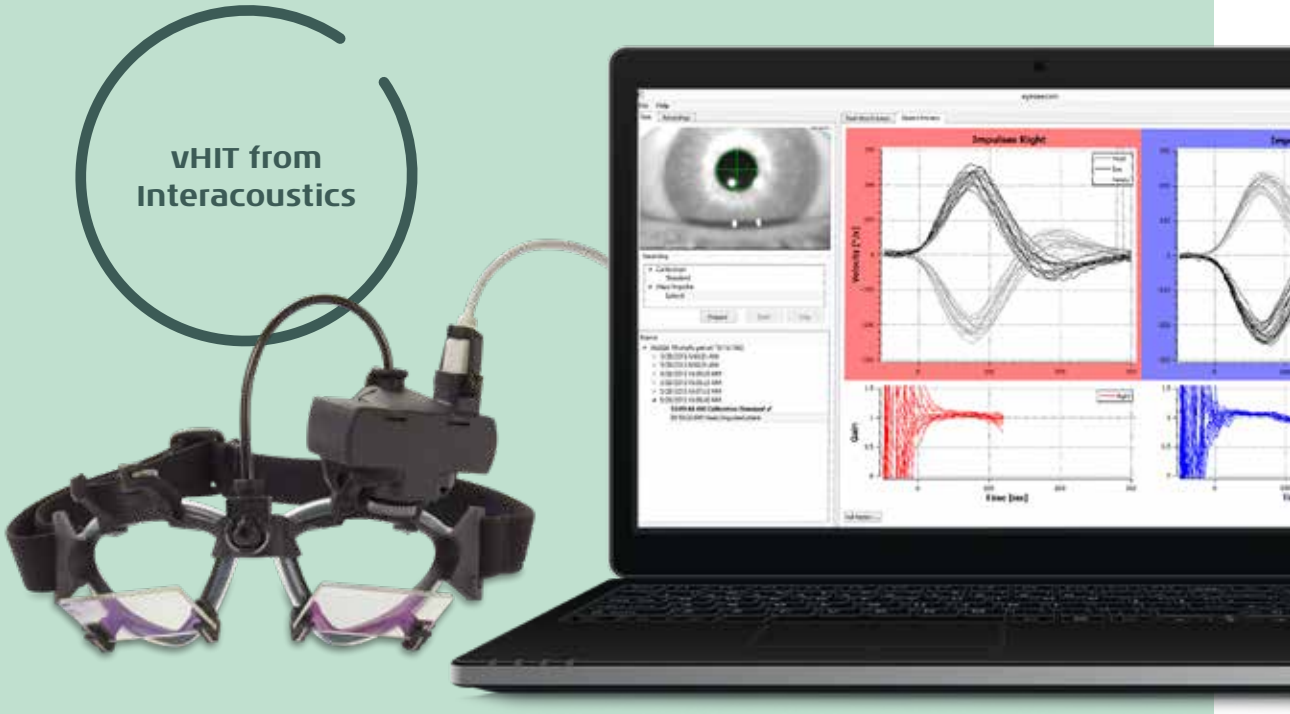
Science **made** smarter

EyeSeeCam

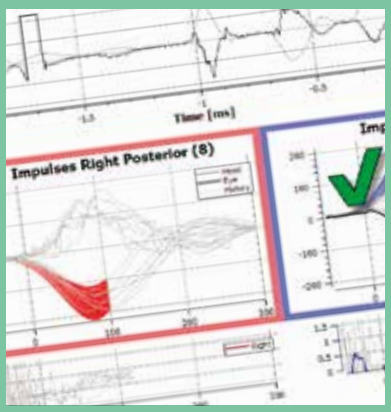
Video Head Impulse Test (vHIT) **made** easy



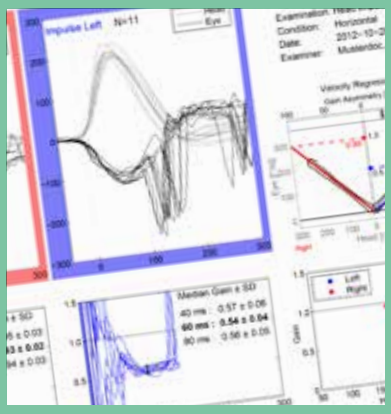
Interacoustics

Audiometry Tympanometry ABR OAE Hearing Aid Fitting **Balance**

vHIT from Interacoustics



Collect data for Right Anterior, Left Posterior (RALP) and Left Anterior, Right Posterior (LARP) canals, as well as Lateral semicircular canals.



Abnormal results showing multiple canals involved.

The EyeSeeCam vHIT provides quick and objective measurements of the vestibular ocular reflex (VOR). The results allow the healthcare professional to efficiently assess the "dizzy" patient and evaluate if the dizziness is related to a vestibular disorder.

What does vHIT measure?
The vHIT is a measure of the patient's vestibulo-ocular reflex (VOR) in response to head movement. A patient with a healthy vestibular system should be able to keep his eyes focused on a stationary target, even if the head is in motion. This is the purpose of the VOR. In patients with vestibular dysfunction, when the head moves, the eyes will move with the head, requiring a corrective movement back to the target (known as a "catch-up saccade"). EyeSeeCam vHIT captures this abnormal eye movement, displays the head and eye movements simultaneously in real-time, analyzes the data and then provides a simple graphical presentation of the results. EyeSeeCam can be used to measure and display graphical presentation of head versus eye movement for all six semicircular canals (RALP, LARP, Laterals).
This information is then used to determine further recommendations for the care of the patient.

Data Analysis
After data collection, you can see the measurements for instantaneous gain at 40, 60 and 80 ms, as well as velocity regression.
Easily see "catch up" saccades, both overt and covert, as well as spontaneous nystagmus. The EyeSeeSix report provides comprehensive analysis of all canals tested.

EyeSeeCam Key Features
- Comprehensive - assess presence of spontaneous nystagmus and VOR function of all six semicircular canals with confidence
- Easy - guides are provided to help the clinician generate accurate head impulses
- Reliable - extremely lightweight, superior goggle design to reduce slippage
- Flexible - can test the left or right eye
- Accurate - measures instantaneous gain and velocity regression
- Comprehensive - displays overt and covert saccades, gain and 3D graphics
- Has the capability to record and playback videos.

Flexible - switchable camera allows for testing of right or left eye

The goggle

The EyeSeeCam goggle has been designed specifically with the Head Impulse Test in mind. Its lightweight, non-slip design helps minimize errors caused by goggle slippage, and the ability to perform tests on both left and right eye offers maximum flexibility.

- A superior design concept, the industry-leading lightweight head impulse test goggle.
- USB interface to the computer. No other hardware required.
- Built-in inertial measurement unit (IMU) for accurate assessment of head movements in all planes.
- Built-in laser calibration lights for fast and simple calibration, anywhere.
- Interchangeable ball and socket cameras for testing either eye.
- High speed camera for superior eye tracking.

Science **made** smarter

Interacoustics is more than state-of-the-art solutions

Our mission is clear. We want to lead the way in audiology and balance by translating complexity into clarity:
- Challenges made into clear solutions
- Knowledge made practical
- Invisible medical conditions made tangible and treatable

Our advanced technology and sophisticated solutions ease the lives of healthcare professionals.

We will continue to set the standard for an entire industry. Not for the sake of science. But for the sake of enabling professionals to provide excellent treatment for their millions of patients across the globe.

Interacoustics-us.com

Interacoustics USA

10393 West 70th Street
Eden Prairie, MN 55344

T +1 800 947 6334
F +1 952 903 4200

info@interacoustics-us.com
interacoustics-us.com

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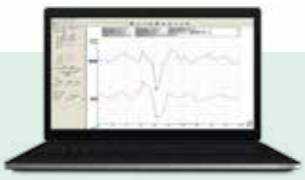

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Product specifications
All technical and hardware specifications concerning all products can be downloaded from our website.

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