Science **made** smarter

VisualEyes™ 505

Video Frenzel **made** clinical

Video Frenzel system for superior observation and recording of head and eye movements

Micromedical
by Interacoustics

Interacoustics

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

Superior nystagmus measurements

Spontaneous nystagmus detection and optional torsional nystagmus upgrade

VisualEyes™ 505 is a powerful video eye movement analysis system. A spontaneous nystagmus detection algorithm is included which provides objective slow phase velocity data to make your reports more clinically accurate.

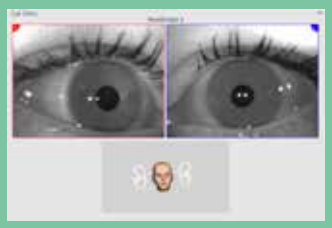
A durable mask and goggle design
VisualEyes™ 505 uses the industry's leading goggle design:
- Lightweight with easy fitting covers
- Built-in fixation light
- Disposable foam cushions option
- Completely light-tight fit
- High-end USB camera system
- Automatic eye centering option

Secure patient data handling
VisualEyes™ 505 runs within the OtoAccess® integration software - an HL7, hospital-secure database for safely storing all patient files.

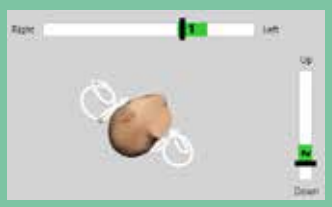
Video recording
VisualEyes™ 505 displays both eye and situation camera images on the screen. You can use the slider bar to determine how large you would like each image to be.
- Recording indicator with elapsed time
- Pre-labeled tests or create your own test names
- Remote-controlled video recording and fixation light with optional handheld remote, foot pedal or goggle button*
- Video files are stored in MP4 file format

Build your own test protocols
Define your own protocols or edit the existing.

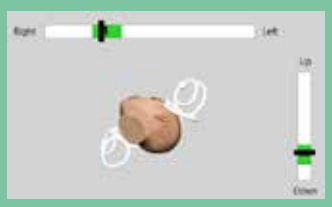
Spontaneous Nystagmus



Headshake Test with head model



Advanced Dix Hallpike Left



Advanced Dix Hallpike Right

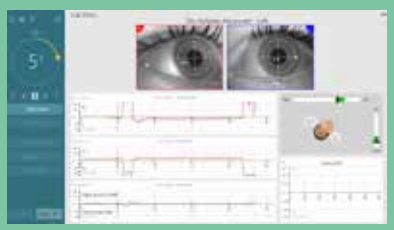
Video playback
- Advanced video playback with 10 second rewind and frame by frame motion options
- Insynch situational videos and head movements with the VORTEQ sensor and sound
- Notes can be created to indicate events of interest within the video

VORTEQ™ Assessment
By adding the optional VORTEQ™ Assessment package, you can increase functionality by simply attaching a small head mounted sensor. The sensor allows 3D modeling of the head to guide you through your BPPV tests. The Assessment package includes BPPV tests (Advanced Dix Hallpike and Lateral Head Roll) and VOR tests (Dynamic Visual Acuity (DVA) and Gaze Stabilization (GST) testing.

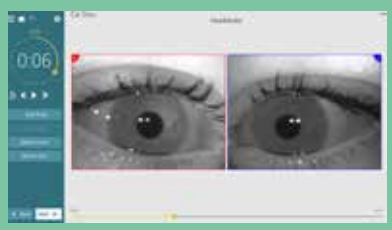
The Advanced Dix-Hallpike test utilizes 3D head modeling and a torsional algorithm for objective data measurements. Dynamic Visual Acuity and Gaze Stabilization Tests provide objective behavioral assessment of the vestibular-ocular reflex (VOR) during head movement.

VisualEyes™ 505 can be upgraded to VisualEyes™ 515 or 525 should you require extra functionality in the future, which use the same goggle and interface function.

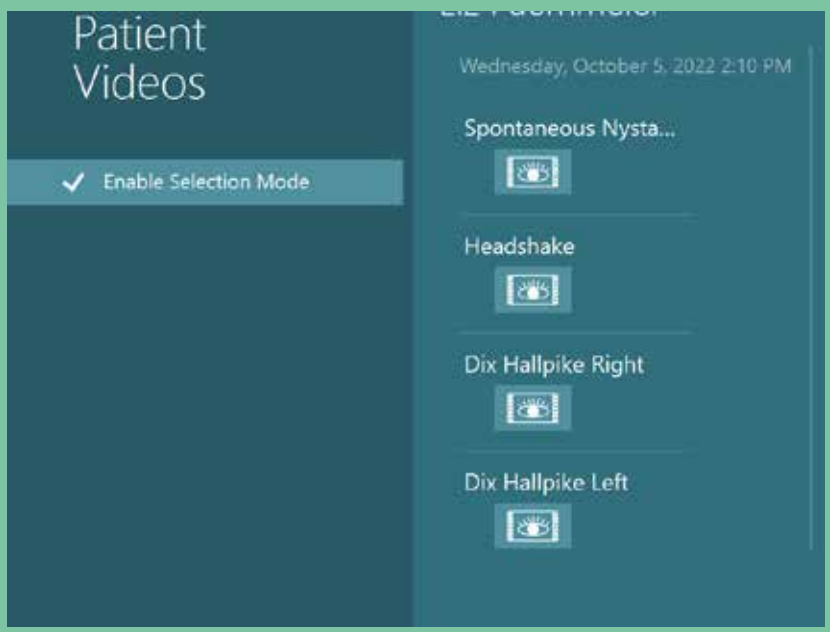
USB cameras with a variety of goggle options



Synchronized videos of eye movements and patient movements and optional head movements playback



Playback mode



Patient export

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.

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Related products

EyeSeeCam vHIT
Video Head Impluse Test

Air Fx & Aqua Stim
Versatile caloric air and water irrigators

VisualEyes 525
Complete VNG solution for balance assessment

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

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