Science **made** smarter

VisualEyes™ 505

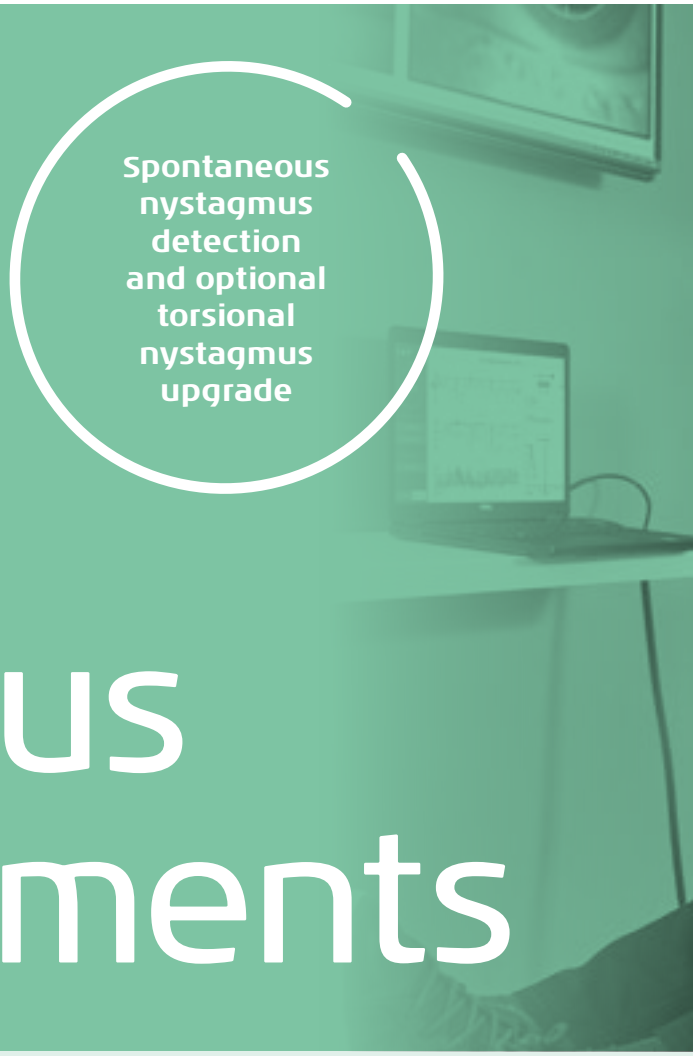
Video Frenzel **made** clinical

Video Frenzel system for superior observation and recording of eye movements

Micromedical
by Interacoustics

Interacoustics

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



Spontaneous nystagmus detection and optional torsional nystagmus upgrade

Superior nystagmus measurements

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:
- Light weight with easy fitting covers
- Built-in fixation light
- Completely light-tight fit
- High-end USB camera system

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 or goggle button*
- Video files are stored in MP4 file format

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

Build your own test protocols
Define your own protocols or edit the existing.
- Spontaneous Nystagmus
- Headshake Test
- Dix-Hallpike Left
- Dix-Hallpike Right

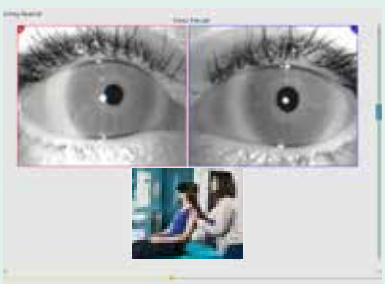
VORTEQ™ Assessment
By adding the optional VORTEQ™ Assessment package, you can add more functionality to your video goggle system with a small head mounted sensor (IMU). The IMU allows 3D modeling of the head to guide you through your BPPV tests. The Assessment package also includes the Dynamic Visual Acuity (DVA) test, which provides objective behavioral assessment of the vestibular-ocular reflex (VOR) during head movement.

The Advanced Dix-Hallpike test is also included in the Assessment package, which utilizes torsional eye movement analysis for objective data on torsion.

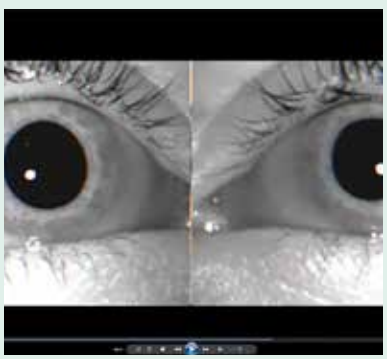
VisualEyes™ 505 can be upgraded to VisualEyes™ 525 should you require extra functionality in the future, which use the same goggle and interface function.

USB cameras with a variety of goggle options

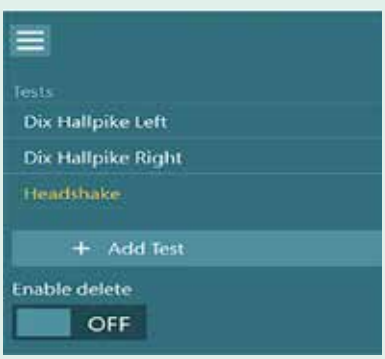
Synchronized videos of eye movements and patient movements



Playback mode



Easy capability to export videos



Available tests panel

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

Go online to explore our full product range

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.

Interacoustics

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

© Interacoustics a/s - 8509865-US - 4 - 10/2020