Science **made** smarter

VisualEyes™

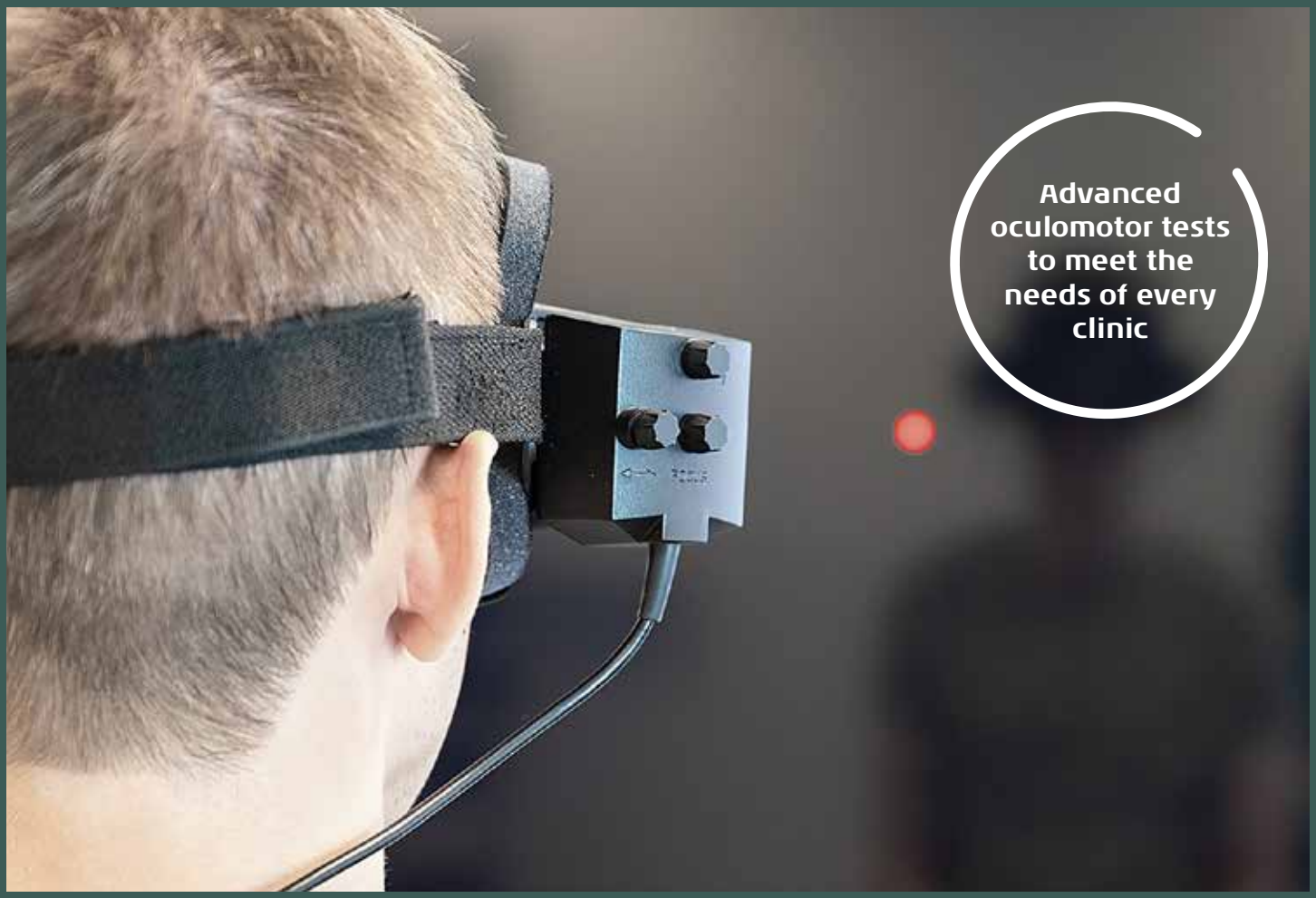
Vestibular testing **made** advanced

VNG, vHIT, DVA, GST, AHR, OCR and RC testing in one integrated system

Micromedical
by Interacoustics

Interacoustics

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



Tailor your own vestibular package according to the needs of your clinic

Modularity for any balance clinic
Our many years of experience have been consolidated into one single VisualEyes™ software platform. With a variety of software bundles and hardware options to choose between, you can purchase what you need now and follow simple upgrade paths as your business needs change.

Made by clinicians for clinicians
VisualEyes™ allows you to combine the vestibular technologies that fit the needs of your practice. Move beyond traditional VNG testing with saccadometry and our torsional eye tracking algorithm. An integrated database and easy export features make it convenient to share, store and analyze data.

Made to grow with your practice
VisualEyes™ provides you with a solid foundation that you can build on for years to come. No matter your clinical practice, VisualEyes™ is a smart choice.

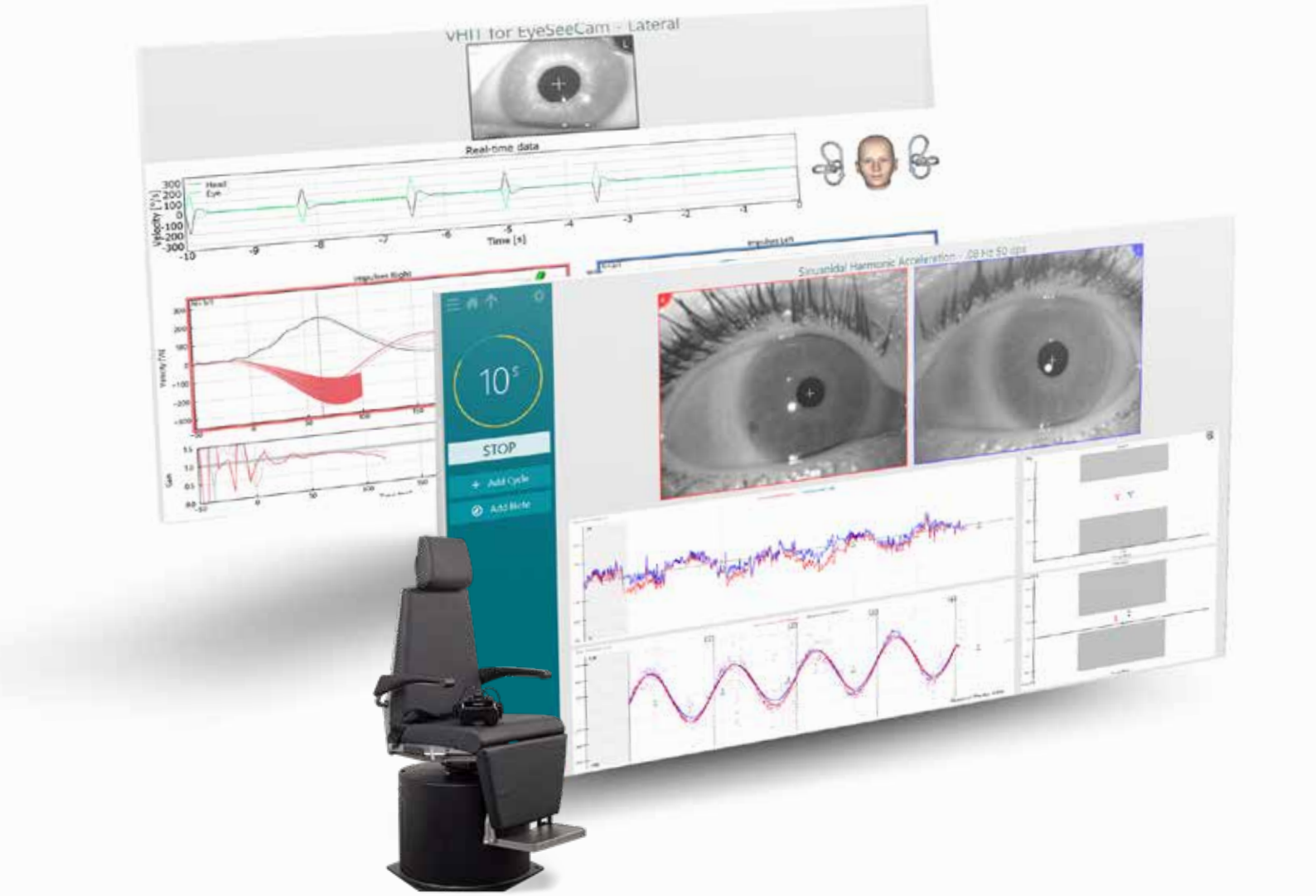
The clinician's choice

“Sensitivity and specificity are critical for any tool designed for neurorehabilitation. Interacoustics provides, in my opinion, the most sensitive and specific instruments on the market. I can trust that this technology will accurately and reproducibly quantify what it professes to measure.

I spend at least half of my day reviewing findings with patients, and VisualEyes™ is by far the best system I have seen for this purpose. The eye movement videos and graphs are presented in an easy-to-understand format. This allows me to take a finding and build it into a clinical picture that patients can comprehend, at a level that far outstrips any other system I have investigated.

Dr. Glen Zielinski
DC, DACNB, FACFN

VisualEyes™ **made** integrated



Videonystagmography (VNG)

VisualEyes™ 515
VisualEyes™ 525

Video Frenzel

VisualEyes™ 505

Rotary chairs

Orion Auto-Traverse
Orion Comprehensive
Orion Reclining

EyeSeeCam vHIT

VORTEQ™

Diagnostic Package
Assessment Package

Caloric Irrigators

Air Fx
Aqua Stim

Side mounted cameras goggle
w/foam inserts

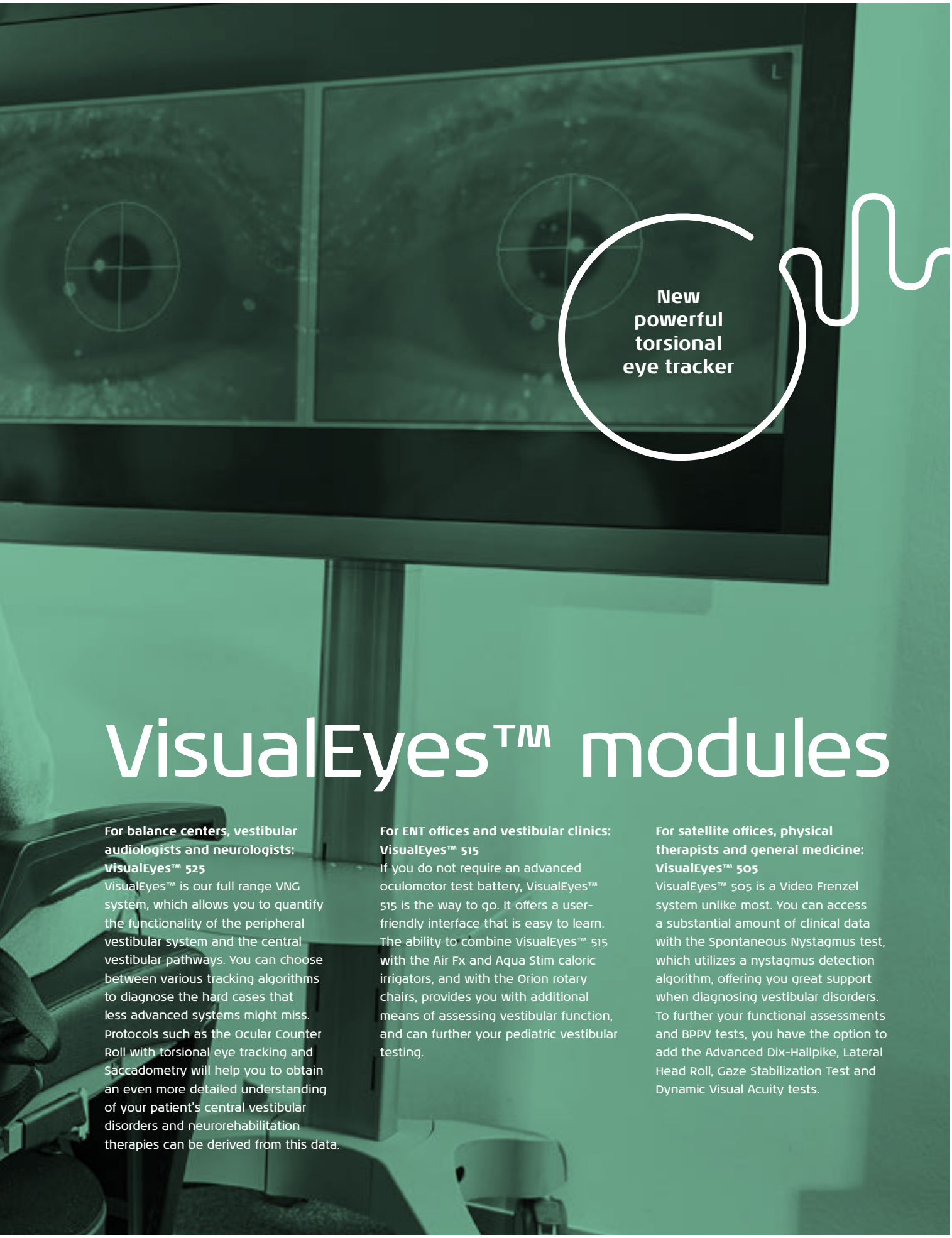
Top mounted cameras goggle
w/start button

A goggle solution for the needs of every clinic

EyeSeeCam vHIT goggle

VORTEQ Headband

Small face goggle / pediatric



New powerful torsional eye tracker

VisualEyes™ modules

For balance centers, vestibular audiologists and neurologists: VisualEyes™ 525
VisualEyes™ is our full range VNG system, which allows you to quantify the functionality of the peripheral vestibular system and the central vestibular pathways. You can choose between various tracking algorithms to diagnose the hard cases that less advanced systems might miss. Protocols such as the Ocular Counter Roll with torsional eye tracking and Saccadometry will help you to obtain an even more detailed understanding of your patient's central vestibular disorders and neurorehabilitation therapies can be derived from this data.

For ENT offices and vestibular clinics: VisualEyes™ 515
If you do not require an advanced oculomotor test battery, VisualEyes™ 515 is the way to go. It offers a user-friendly interface that is easy to learn. The ability to combine VisualEyes™ 515 with the Air Fx and Aqua Stim caloric irrigators, and with the Orion rotary chairs, provides you with additional means of assessing vestibular function, and can further your pediatric vestibular testing.

For satellite offices, physical therapists and general medicine: VisualEyes™ 505
VisualEyes™ 505 is a Video Frenzel system unlike most. You can access a substantial amount of clinical data with the Spontaneous Nystagmus test, which utilizes a nystagmus detection algorithm, offering you great support when diagnosing vestibular disorders. To further your functional assessments and BPPV tests, you have the option to add the Advanced Dix-Hallpike, Lateral Head Roll, Gaze Stabilization Test and Dynamic Visual Acuity tests.

Upgrade your vestibular package down the road as your needs change

EyeSeeCam vHIT
Having EyeSeeCam vHIT included in VisualEyes™ allows you to generate a single report with both your vHIT and VNG results combined. You can also now perform monocular oculomotor testing using the EyeSeeCam vHIT goggle. This can save you time when you just need a quick look at how the eyes are moving and to check for gaze nystagmus or abnormal eye movements.

With EyeSeeCam vHIT, the ability to simultaneously evaluate eye and head movements can also aid in neurological assessments.

VORTEQ™ Diagnostic
This package is a practical update to clinics that do not have a lot of extra space but want to add more functionality. It adds VORTEQ™ Active Head Rotation (AHR), which allows you to assess gain, phase and symmetry of the VOR and faster head speeds. You can also use your existing VNG goggle to perform a binocular head impulse test, which can be interpreted along with the results from your VNG test. This package can be added on to VisualEyes™ 525.

VORTEQ™ Assessment
This package can be added on to VisualEyes™ 505, 515 or 525, and includes the BPPV tests (Advanced Dix-Hallpike and Lateral Head Roll) and VOR Tests (Dynamic Visual Acuity and Gaze Stabilization Tests). It is ideal for balance clinics with limited space that require extra functionality. With the VORTEQ™ head sensor, you get more objective assessments compared to conventional bedside tests.

Research Module
The Research Module is designed for researchers, scientists and universities. This new tool can be added on to your VisualEyes™ 525 system to give you the flexibility you need to complete your research. The Research Module allows you to modify all nystagmus detection parameters and provides easy export of data to an Excel spreadsheet.

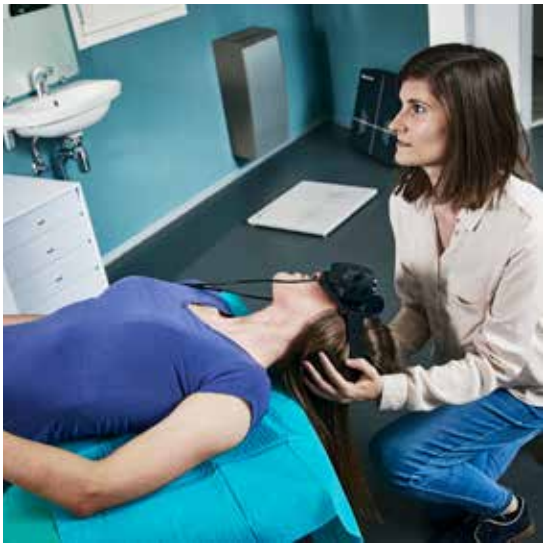
Electronystagmography (ENG)
Clinics are often faced with patients that cannot wear or tolerate video goggles. This is common in small children and patients with nose injuries. For these instances, we offer an ENG option, which can be added on to your VNG system or Orion chair to allow for electrode-based oculography recordings.

Options are available for all clinical settings

VORTEQ™ Diagnostics
- Active Head Rotation (AHR) and VORTEQ™ vHIT with VNG goggles

VORTEQ™ Assessments VOR Tests
- Dynamic Visual Acuity (DVA) and Gaze Stabilization Test (GST)

EyeSeeCam vHIT module



VORTEQ™ Assessements BPPV tests
- Advanced Dix-Hallpike and Lateral Head Roll

Orion Reclining

Orion Comprehensive

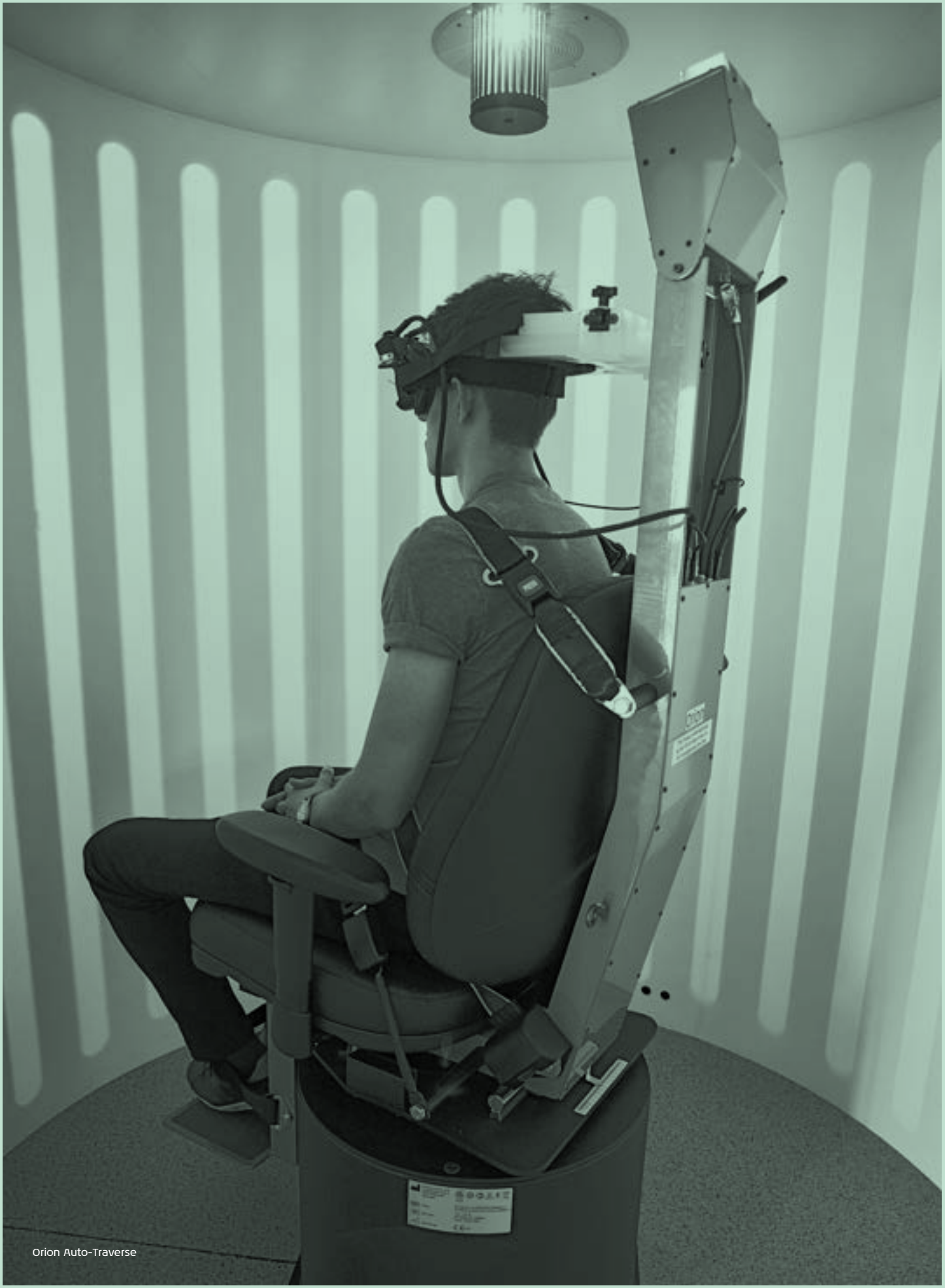
Orion Rotary Chair series

Rotary chair testing **made** versatile

Rotary chair testing is an objective assessment of vestibular function. The VisualEyes™ platform integrates with the Orion chairs for advanced vestibular evaluations. Choose between Orion Auto Traverse, Orion Comprehensive and Orion Reclining.

- Orion Auto-Traverse: Rotary chair with off-axis centripetal acceleration.
- Orion Comprehensive: Rotary chair that is ideal for pediatric assessments.
- Orion Reclining: Designed for clinics with space-saving needs.

Expand your practice with Orion Rotary Chair options



Orion Auto-Traverse

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.com

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Go online to explore our full product range

Related products

TRV Chair
Diagnosing and treating Benign Paroxysmal Positional Vertigo (BPPV)

Air Fx & Aqua Stim
Versatile caloric air and water irrigators

Eclipse VEMP
Vestibular investigation

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

FSC www.fsc.org MIX Paper from responsible sources FSC® C134617

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