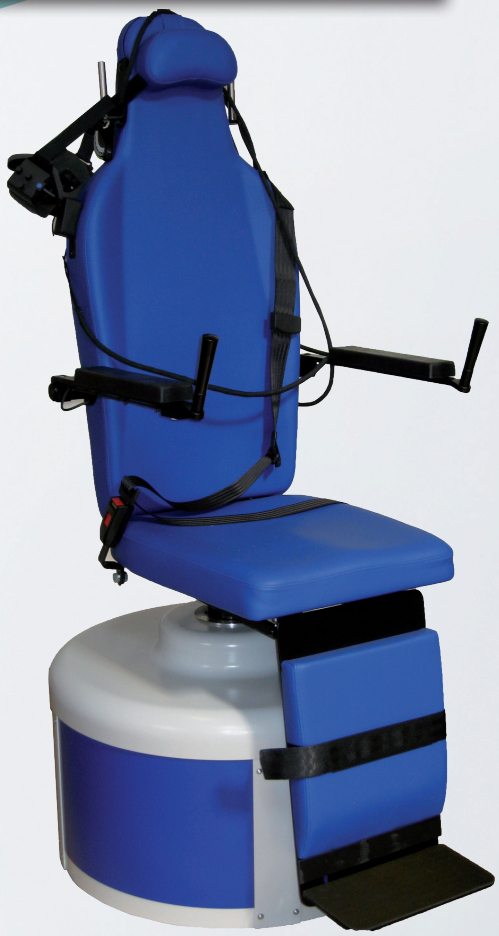
VNG
Nydiag Rotary Chair



Rotational testing and VNG

- Full test battery (Sinusoidal Harmonic Acceleration (SHA), Step Test, VOR Suppression)
- Maximum speed of 200 degrees/second
- Space-saving design
- Reclining chair can double as VNG exam table
- User-definable protocols
- Lightweight Combi goggle with replaceable foam cushions
- FireWire® high resolution cameras
- Integration with Interacoustics VNG for comprehensive approach to vestibular evaluation

Nydiag Rotary Chair

- *FireWire® cameras*
- *USB connection to PC*
- *Small footprint*

Interacoustics®

leading diagnostic solutions

Rotational testing is typically used during a full balance assessment and is a perfect compliment to caloric testing. Rotational testing is often better accepted by some patient groups, such as children.

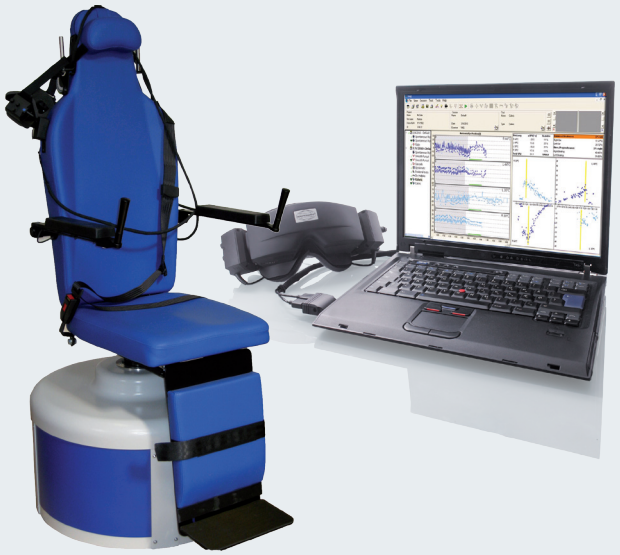
Authentic rotational stimulus
The physiological rotatory stimulus is similar to that which the patient will experience in daily life. This makes rotational testing particularly suitable for VOR testing.

Vestibular Rehabilitation
The Nydiag Rotary Chair can play an important role in monitoring the compensatory processes of vestibular rehabilitation therapy. It can chart the vestibular healing process by utilizing a wide range of frequencies and acceleration rates.

Accuracy, convenience and flexibility
The Nydiag Rotary Chair provides precisely controlled and reproducible stimuli. You have full control over acceleration, velocity and amplitude and can easily design and configure your own protocols.

A full test battery
A full test battery is included with the chair, including the step rotation test, sinusoidal harmonic acceleration, and VOR suppression.

Space-saving design
Nydiag Rotary Chair has minimal space requirements and can recline to various positions to act as a VNG exam table. Easily access both ears for caloric testing.



The chair can be easily reclined to various positions to allow for caloric and positional testing.

The FireWire® high resolution cameras connect directly to a desktop computer and provide superior eye image quality.

The rotary chair software is fully integrated with VNG for a true comprehensive approach to vestibular evaluation.

The Nydiag 200 rotary chair is controlled via USB-connection through the RCControl-program. The following functions are available:

- Set position
- Set speed
- Set acceleration
- Pendular movement for Sinusoidal Harmonic Acceleration (SHA) test
- Velocity Step test
- VOR Suppression test

Maximum speed	200 deg/s
Maximum acceleration	100 deg/s²
Max. patient weight	300 lbs. for full specification, 330 lbs. with reduced specs.
Reclining backrest	Manually operated from 0 deg (horizontal) to 90 deg (sitting)
Slip rings	18 FireWire® compatible slip-rings
Emergency stop	Emergency stop button disconnects the motor power
Patient alarm button	Sends an alarm signal to the computer and stops the rotation
Weight	386 lbs.
Weight incl. package	419 lbs.
Dimensions	35.4 x 27.6 x 63 inch.
Dimensions incl. package	39 x 29.5 x 75 inch.
Power supply	110-230 V~ (50/60 Hz)/ 4A max
Options:	Off-axis movement, ± 10 cm max

The rotary chair complies with the CE-regulations

Read more here:
www.interacoustics-us.com/com/

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