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 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

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

Read more here:
[www.interacoustics-us.com/com/VNG](http://www.interacoustics-us.com/com/VNG)

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