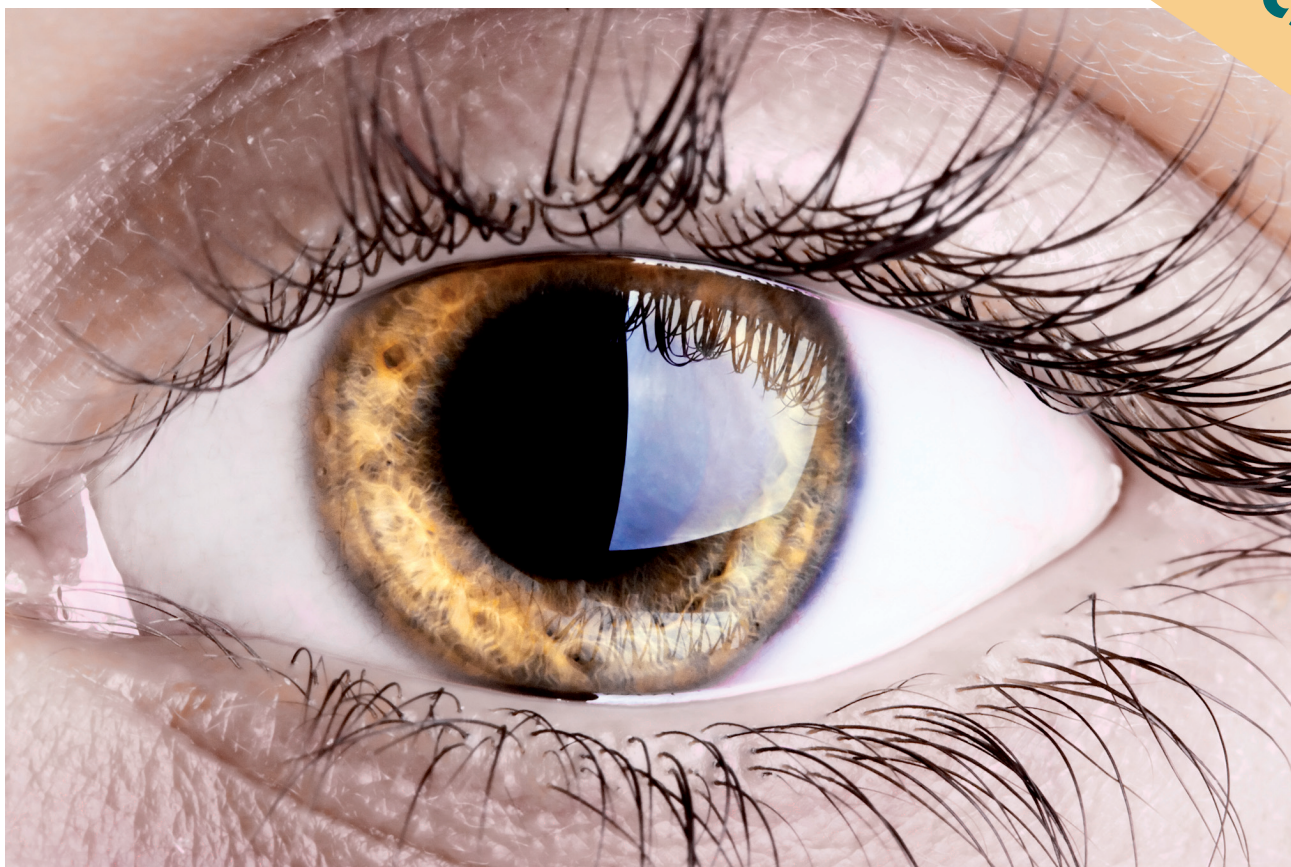




leading diagnostic solutions

**AAO Special**



## New *FireWire*<sup>®</sup> VNG system

### delivers

- Fast - Eye tracking at 105Hz binocular, 174Hz monocular
- Accurate - high resolution, powerful analysis
- Portable - direct goggles-to-PC video-transfer
- Integrated - OtoAccess database, print, export



The VO425 FireWire technology allows faster sampling rates which improves the accuracy of test results providing enhanced diagnosis. And with the direct FireWire connection between the goggles and a laptop, it's easy to set up and remarkably portable.

**AAO 2007 Special - \$21,500\* (\$2,500 savings)  
includes laptop computer and printer**

\* Offer expires 12/15/2007 and cannot be combined with any other offer

Interacoustics USA, 7625 Golden Triangle Drive, Eden Prairie, MN 55344

Phone: 1-800 947 6334 x437 • Fax: 1-952-903-4200 • [info@interacoustics-us.com](mailto:info@interacoustics-us.com) • [www.interacoustics-us.com](http://www.interacoustics-us.com)

FireWire and the FireWire symbol are trademarks of Apple Computer, Inc., registered in the U.S. and other countries. The FireWire logo is a trademark of Apple Computer, Inc.

# General Technical Specifications

## Standards:

EN60601-1 (General safety)  
EN60601-1-1 (Safety of system)  
EN60601-1-2 (EMC)

## Medical CE-mark:

Interacoustics A/S meets the requirements of the Annex II of the Medical Device Directive 93/42/EEC. Approval of the quality system is made by TÜV – identification no. 0123.

## System:

Stand alone system with WindowsXP®.

## AAO Special includes a Laptop Computer

## Examination Templates:

Several default examination templates included. As many examination templates as desired may be designed and added by examiner.

## OtoAccess™ Database:

Database: SQL  
Data format: XML  
Full network capability  
Unlimited storage. Patient demographic data.  
Patient Journal.  
May also include data from Interacoustics® audiometers, impedance audiometers, and hearing aid analyzers.  
Easy back-up function.

## Recording:

Monocular/2 channel up to 105Hz and  
binocular/4 channel up to 174Hz.

## Data Acquisition:

Method: Infra-red illuminated eye image captured by camera module.  
Tracking: From cross hair movement.  
Dynamic Range: +/- 30 degrees horizontal and +/- 25 degrees vertically .

## Data Analysis:

Continuous analysis with eye velocity determined from each data point, providing continuous appraisal of eye movement patterns.  
Discrete analysis offers appraisal of each nystagmus beat and may be preferable in cases of sporadic or weak nystagmus responses.

## Stimuli Available with VisualLab VOL25:

- Colors and targets entirely user defined.
- Optokinetic - horizontal and vertical stimulation available. User designed jpeg stimuli can be imported. Also chessboard, stars and stripes available.
- Smooth pursuit - sinusoidal/linear, with or without acceleration.
- Saccade - horizontal/vertical.
- Gaze.

## Reports:

One page displaying statistical data for four tests.  
One page holding traces, display diagrams, statistical data for one test.  
Easy to use templates with default settings for audiology and oto-neurology clinics.

## Normative Data:

Implemented in software.

## Networks:

May be connected to a network. Then testing may be monitored from any reader station. Subsequent editing, including nystagmus analysis may be carried out from any networked PC.

## Help:

On-line help through electronic operation manual.

## Number of tests per session:

Unlimited.

## Number of sessions per patient:

Unlimited.

## Video Recording:

Synchronized replay and curve display including sound  
Buffered recording  
Unlimited recording period  
Export function  
Fast/normal/slow motion replay mode

## Manual Nystagmus Edit Function:

Add or remove nystagmus  
Redefine culmination phase

## Included Parts VO425b:

Installation CD  
Combi mask  
Computer package  
Disposable combi mask pads - includes 1 box/24 pieces  
Infrared remote control  
Firewire hub with power supply  
Video projector  
VOL25 VisualLab  
Otoaccess™ database software  
Warranty card  
Operation manual

## Options VO425b:

Isolation transformer  
Irrigator



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