Superior nystagmus observation

VF405 provides ideal conditions for fixation-free observation and recording of eye movements during

1.1 Punktas. Paskirtis

1.2 Punktas. Aparatūrinė dalis

The Combi Goggle

The VF405 system incorporates the industry's leading goggle design, also known from the clinical VN415/VO425 FireWire® VNG systems.

- Light weight with easy fitting magnetic cover
- Built in fixation light
- Disposable foam cushions provide a sanitary solution
- Comfortable
- Completely light tight fit
- One or two cameras – upgrade as you like

The FireWire® cameras connect directly to a laptop or a desktop computer. Infrared illumination and high resolution cameras with focus adjustment allow for superior image quality.

- Clear detection of torsional movement
- IEEE 1394a FireWire® standard

Video Recording

The VF405 displays eye images in partial or full screen mode; simply double-click on the image to toggle between image sizes.

- Recording indicator with elapsed time.
- Pre-labelled tests or create your own test names
- Select High resolution recording for extremely detailed images
- Remote controlled video recording and fixation light with footswitch
- Video files are stored in AVI file format

Video Playback

- Advanced Video Player with playback at variable speed down to one picture at a time
- Highlight videos of interest
- Notes can be created to indicate events of interest within the video

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Fax: +45 6371 3522
E-mail: info@interacoustics.com

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The binocular version comes with two infrared cameras and the monocular comes with one infrared camera.
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Goto: Frontpage ▸ VF405

Eye Movement Recording

- VN415 / VO425
- EN415 / EO425
- VF405
- EyeSeeCam

Evoked Potentials

- VEMP module

Caloric Irrigators

- Air Fx
- Aqua Stim

Rotary Chair

- Nydiag 200

Visuel Stimuli

- Digital Lightbar

Interacoustics integration software

- Interacoustics Suites
- OtoAccess™ Database
- Electronic Medical Record

Our Interacoustics Software Suites combines with Electronic Medical Records (EMR), OtoAccess™ Interacoustics database, NOAH or XML and even features combined reporting.

Ear Tips and Disposables

- Download General Catalogue
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- Download Ear Tip Flyer

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1.4 Punktas. Kamera.Sujungimas su kompiuteriu tiesioginis per IEEE1394 FireWire;rezoliucija 640 x 240, 105 Hz; 640 x 480, 60 Hz.

Technical Specifications

Camera

IEEE1394 FireWire®

Resolution

640 x 480 Pixels @ 60 Hz
640 x 240 Pixels @ 105 Hz

Images

60 or 105 images per second

Safety standards

IEC 60601-1-2 (EMC)

Dimensions (L x W x H)

302 x 216 x 131mm

Physical Specifications

Goggle Weight with one camera

240g (non-occluded view)
320g (occluded view)

with two cameras

305g (non-occluded view)
385g (occluded view)

Dispensing box with 24 pcs. of disposable goggle foam pads

Hardware requirements

Intel Core 2 Duo processor 1.8 GHz or better
Minimum 2 GB of DDR3 RAM
160GB harddisk available
Two USB ports available
Monitor resolution: 1024 x 768
Laptop PC: One 34 mm PCExpressCard slot available
Desktop PC: One free slot for IEEE1394a FireWire® PCI board

Software requirements

Windows® 7 (32-bit or 64-bit)
Windows® Vista Business SP1
Windows® Vista Ultimate operating system
Windows® XP SP2
Microsoft .Net 2.0 Framework
Windows Installer 3.x

1.3 Punktas. Akiniai. Keičiamos akinių pagalvėlės dėžutė su 24 vnt.;Akinių su dviem video kamerom svoris 240 g, kai akiniai atidengti, ir 320 g, kai akiniai uždengti dangteliu/

1.10
Punktas. Standartai. Atitinka standartus IEC 60601-1,IEC 60601-1-1;IEC 60601-1-2. Turi CE ženklą.

1.6 Punktas. Reikalavimai kompiuterinei ir programinei įrangai. procesorius Intel Core 2 Duo 1,8 GHz arba geresnis, Minimaliai 2 GB DDR3 RAM, 2 USB portai, Monitoriaus rezoliucija 1024x768, nešiojamas kompiuteris su vienu 34 mm PCExpressCard, Stacionarus kompiuteris turi IEEE 1394a FireWire, Operacinė sistema Windows 7 (32 bitų arba 64 bitų) su papildymais , leidžiantis dirbti su įrangos programinę įranga ir klinikoje naudojamomis programomis.

	VF405m Basic	VF405b Basic	VF405m Extended	VF405b Extend
	✓	✓	✓	✓
	✗	✗	✓	✓
Video storage	✗	✗	✓	✓
Video play back	✗	✗	✓	✓
Elapsed test time	✗	✗	✓	✓
Report editor	✓	✓	✓	✓
Sound recording	✗	✗	✓	✓
Test design template	✗	✗	✓	✓
Footswitch operated video capture	✗	✗	✓	✓
Footswitch operated fixation light	✗	✗	✓	✓
Toggle one camera/two cameras	✗	✓	✗	✓
SW controlled Fixation light	✓	✓	✓	✓
External camera enabled	✗	✗	✓	✓
Toggle picture quality high/normal	✓	✓	✓	✓

** Licensed features with each configuration*

Included parts

	VF405m Basic	VF405b Basic	VF405m Extended	VF405b Extended
Camera FireWire® complete	1	2	1	2
Combi Mask VOG	1	1	1	1
FireWire® SDM express card 2P	1	1	1	1
Power supply 10W	1	1	1	1
FireWire® PCI-Card IEEE1394		1	1	1

EX-10000 Express card kit	1	1	1	1
Cable fasteners	3	3	3	3
Disposable goggle foam pads	24	24	24	24
Screwdriver SE 1.5 x 60mm 105	1	1	1	1
Web camera w. microphone	0	0	1	1
Installation sheet	1	1	1	1
Combined CE & Operation Manual	1	1	1	1
Installation CD	1	1	1	1

1.8 Punktas. Apmokymas ir instaliavimas. -instaliavimo kompaktinis diskas; - akiniai su viena video kamera ir laidais; - keičiamos akinių paraloninės pagalvėlės - 1 dėžutė; - FireWire PCI Express adapteris plokštė;
-pacientų archyvavimo duomenų bazės programa; - kojinis pedalas vaizdo įrašymui paleisti;- instrukcijos anglų ir lietuvių kalbomis.

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Fax: +45 6371 3522
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Goto: Frontpage ▸ VF405 ▸ Specifications

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VF405
Video Frenzel

For superior observation and recording of eye movements

Interacoustics

Superior nystagmus observation

1.5 Punktas.Testai. įrašytų tyrimo vaizdų peržiūra, atsakymo pacientui redagavimas, garso įrašymas, testų dizaino sukūrimas.

VF405 provides ideal conditions for fixation-free observation and recording of eye movements during

- **Spontaneous testing**
- **Positional and Dix-Hallpike testing**
- **Head Impulse testing**
- **User defined testing**

Playback mode

Automatic or manual camera brightness adjustment

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- IEEE 1394a FireWire® standard

Light tight goggle with sanitary, disposable face cushions

Synchronized videos of eye movements and patient movements

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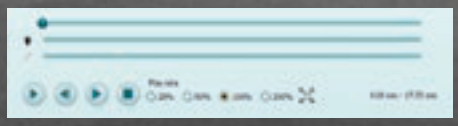


Playback controls

Synchronized replay of situation video, eye image(s), and sound

Integrated patient database

External Situation Video

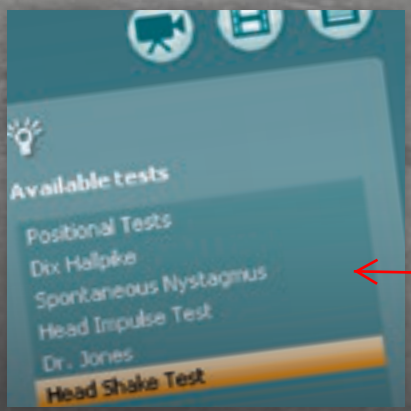
The VF405 includes an external camera for recording of sound and video images from the examination.

- Synchronized sound, eye image video and external situation video.

The Software

The VF405 is an independent software module operated from the OtoAccess™ patient database. The user interface is designed for maximum user satisfaction with intuitive procedures and a supportive design.

- View all sessions for every patient in the database
- Multi-language interface
- Report editor with word processing function



Available tests panel

1.5 Testai. Spintaninis nystagmus testas; Pozicinis testas;Dix-Hallpike testas;Vartotojo apibrėžtas testas;

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Interacoustics is a world leading diagnostic solutions provider in the field of hearing and balance assessment. We help the professional audiologic world reach new milestones through continuous developments and a constant focus on integration and direct customer value.

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Product specifications

All technical and hardware specifications concerning the VF405 can be downloaded from our website.

Read more at interacoustics.com

Go online to explore our **full product range**

Interacoustics a/s

Drejervaenget 8
DK-5610 Assens

T +45 6371 3555
F +45 6371 3522

info@interacoustics.com
interacoustics.com

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