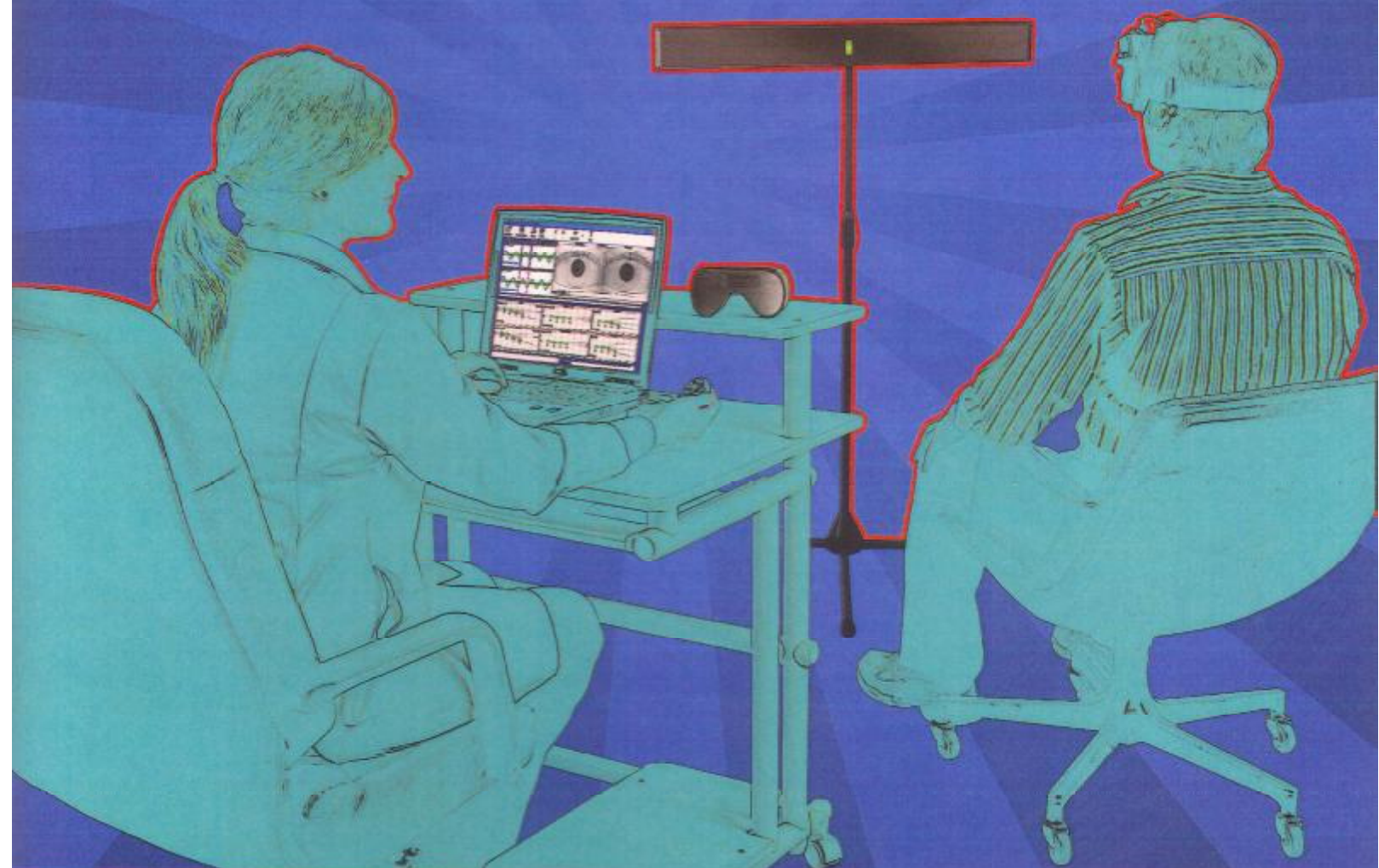


VisualEyes™

Midtower/Laptop VNG



Micromedical
TECHNOLOGIES™

VisualEyes™

Midtower/Laptop VNG

VISUALEYES MIDTOWER OR LAPTOP

VISUALEYES SYSTEMS CAN BE CONFIGURED WITH EITHER A MID-TOWER COMPUTER OR LAPTOP FOR PORTABILITY. VISUAL STIMULI OPTIONS INCLUDE DIGITAL LIGHT BAR, LCD PROJECTOR OR SECONDARY MONITOR. EITHER CONFIGURATION INCLUDES MICROMEDICAL'S DATALINK. EOG (ELECTRODE) AND VORTEQ OPTIONS ARE AVAILABLE THROUGH THE DATALINK CONNECTIONS.



VISUALEYES MIDTOWER



VISUALEYES VNG IS THE ASSESSMENT TOOL OF CHOICE TO PINPOINT ABNORMALITIES WITHIN THE CENTRAL OR PERIPHERAL BALANCE SYSTEM. OBJECTIVELY DOCUMENT ABNORMAL EYE MOVEMENTS CAUSED BY TRAUMATIC BRAIN INJURY, BPPV, LABYRINTHITIS AND MANY OTHER PATHOLOGIES.

VISUALEYES BINOCULAR GOGGLES

The innovative binocular design of the goggles includes the following key features:

- Full field of view with a minimum +/- 45 degrees horizontal and +20, -25 degrees vertical
- Integrated external focus knob and built-in software controlled fixation lights
- Comfortable, light-tight and easy to clean goggle
- Remove goggle cover for oculomotor tests and VORTEQ testing
- Goggle weight 10.5 oz. with cover 8 oz. with cover removed.
- Designed to utilize high speed Firewire® cameras that can record at up to 100 Hz

GOGGLES WITH COVER REMOVED

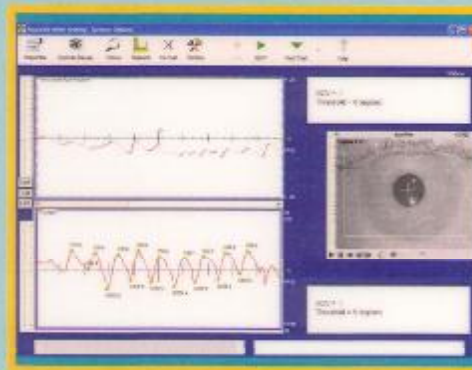


GOGGLES WITH COVER



SPECTRUM SOFTWARE PROVIDES YOUR CLINIC WITH STANDARD TESTING PROTOCOLS AS WELL AS PROTOCOLS THAT WILL GIVE YOU UNIQUE ASSESSMENT CAPABILITIES. ADVANCED CONCEPTS IMPLEMENTED IN THE NEWEST VERSION OF SPECTRUM INCLUDE:

- **ZOOM IN** - It only takes one click for the camera to quickly zoom in and center the pupil while simultaneously adjusting the threshold for optimal pupil tracking.
- **ELLIPSE FIT** - We utilize our proprietary ellipse fit algorithms to accurately identify the pupil with as little as a 50% pupil reveal as a result of ptosis or long eye lashes. Thus tracking the majority of the patient population. The EOG (electrode) option enables testing of the remaining patients who are not candidates for video.
- **HVT 3D EYE TRACKING** (option) - Torsional eye movement measurement is a unique assessment of otolith function through an ocular counter roll test protocol.



- *Compensatory eye position is measured when the patients head is tilted 45 degrees left or 45 degrees right.*
- *User selectable iris segment*
- *Torsion recorded on one eye at 100Hz with one degree accuracy*
- **INTERPRETATION WIZARD** - While Micromedical software has long given the user access to standardized editable interpretations, it now automatically adds easy to understand caloric summary and spontaneous nystagmus interpretations to the report.
- **SPECTRUM DATA CENTER** - This utility allows you to easily archive data and eye movement videos onto an external hard drive, flash drive, CD-R or DVD. Network compatible and capable of interfacing with several EMR software packages.



To Preserve and Improve Balance



The EyeMax image on testing and analysis screens is large enough to see minute eye movement detail. Nystagmus waveforms are color coded for easier readability.

BENEFITS OF EYEMAX

- Real-time eye video images can be viewed on the computer screen for all tests.
- Digitally record eye movement video with audio for the entire nystagmus or ocular motor test duration. Video can be exported for use in educational presentations.
- During analysis or report interpretation a scrolling time marker allows you to directly correlate the eye movement tracing with minute eye movements and any ocular torsion present in the video playback.

Computer hardware shown in photos may differ from what is supplied with your system due to our commitment to provide you with the latest technology.

OPTIONS

- EOG amplifier to add electrode recording capability
- VORTEQ™ active head rotation VOR test
- DVA-Test™ dynamic visual acuity VOR test
- BALANCE CHECK™ platform posturography
- VisualEyes is expandable with other commercially available ABR/OAE

BALANCE CENTERS & FALL PREVENTION CLINICS SHOULD ALSO ACQUIRE:

- SYSTEM 2000™ rotational vestibular chair
- BALANCE QUEST™ computerized dynamic posturography

CUSTOMER CARE

Micromedical's knowledgeable staff is dedicated to assisting you and maximizing your investment by:

- Providing on-site installation and training using local representatives
- Providing technical, operational and interpretation assistance from Micromedical's experienced support staff
- Sponsoring continuing education courses
- Including a one year warranty on hardware
- Including one year of free software updates

SAFETY STANDARDS

VisualEyes systems are designed to meet applicable medical standards worldwide.

- UL2601-1
- IEC 60601-1 patient safety standard

HIPAA PRIVACY STANDARDS

Micromedical's Spectrum software is HIPAA ready, enabling healthcare providers or other covered entities to meet and maintain the confidentiality of patient medical information required by the Health Insurance Portability and Accountability Act of 1996.

Patient information can be de-identified for printed reports while the Windows® platform supplies the foundation for system security.

Firewire® is a registered trademark of Apple Inc.
Windows® is a registered trademark of Microsoft Corp.
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