

# Introducing The New Computer Orthoptics™ Liquid Crystal Automated Vision Therapy System



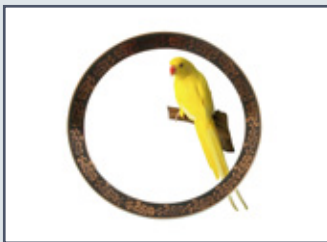
## Therapy Procedures Include:

- Smooth Vergence
- Rotations
- Jump Ductions
- Multiple Choice Vergence
- Accommodative Rock
- Pursuits
- Saccades
- Visual Memory
- Cheiroscope
- Amblyopia

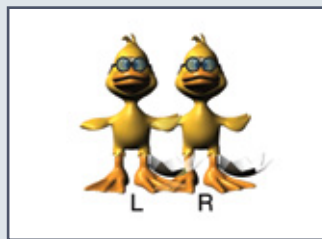
## Diagnostic Tests Include:

- Phoria
- Fusional Ranges
- Accommodative Facility
- Pursuits
- Saccades
- Worth 4 Dot
- Motor Field
- Fixation Disparity
- Visual Memory
- Aniseikonia

**New 50" Wireless Flat Screen HD 3-D Technology  
Provides Large Detailed True Color Vergence & Stereo Targets**



Simultaneous  
Perception



Flat Fusion



Stereopsis

**Computer Orthoptics™**  
*is the proven instrument that will  
automatically help identify and  
remediate functional vision problems...  
efficiently, effectively & profitably.*



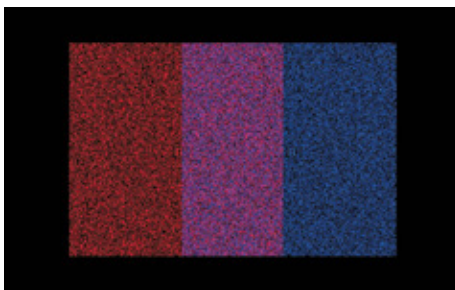
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**Computerized Therapy Programs**



Never before has vision therapy been so precise. The gamepad and mouse allow the patient's therapy responses to alter the target demands. The Computer Orthoptics graphics are instantly moved, rotated or changed to create any base-in base-out disparity. The therapy is effective for: eliminating amblyopia; breaking suppressions; improving oculomotor skills; improving visual memory; improving accommodative facility; altering retinal correspondence; increasing fusional ranges; and/or treating strabismus.

**Automatic Training**



Computer Orthoptics offers programs which automatically help train the patient. Included, are several random dot stereograms and other stereo targets which are devoid of monocular cues and can be seen only during binocular vision, thus ensuring patient compliance.

**Computerized Diagnostic Programs**



With the push of a single button, you may call up testing programs using sophisticated first, second and third degree targets. Computer Orthoptics includes complex monocular and binocular stimuli, which allow automatic testing and measurement of the following skills: Oculomotor (pursuits and saccades); fusional ranges; phorias; motor fields; fixation disparities, suppressions; retinal correspondence; accommodative facility; stereopsis, visual memory and Aniseikonia.

**Liquid Crystal Glasses**



Using the latest Liquid Crystal glasses technology, more than 100 targets of varying size, detail and retinal disparity are presented to easily treat the most difficult binocular disorders. Targets are presented in **True Color**, thus eliminating the problems typically associated with red/green anaglyphs. Such as chromostereopsis, color rivalry, and chromatic aberrations.

The Liquid Crystal glasses alternate each eye's view from transparent to opaque in synchronization with the targets on the monitor. This rapid alternating occlusion will help break suppressions.

**Easy Patient Monitoring**



The VTS 4 LCD Program stores the results from each Therapy Session for patients individually. You may view the information "on screen" or print the results for a permanent copy.

**Large Screen Compatible**



For even more versatility, The Computer Orthoptics Instrument can be connected to a 3D projector to produce huge First, Second or Third degree targets that may be dispirated Base In, Base Out, Base Up or Base Down. Rotations and Jump Ductions are also available.

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**For more information or  
a 30-Day Trial call**

**1-800-346-4925**