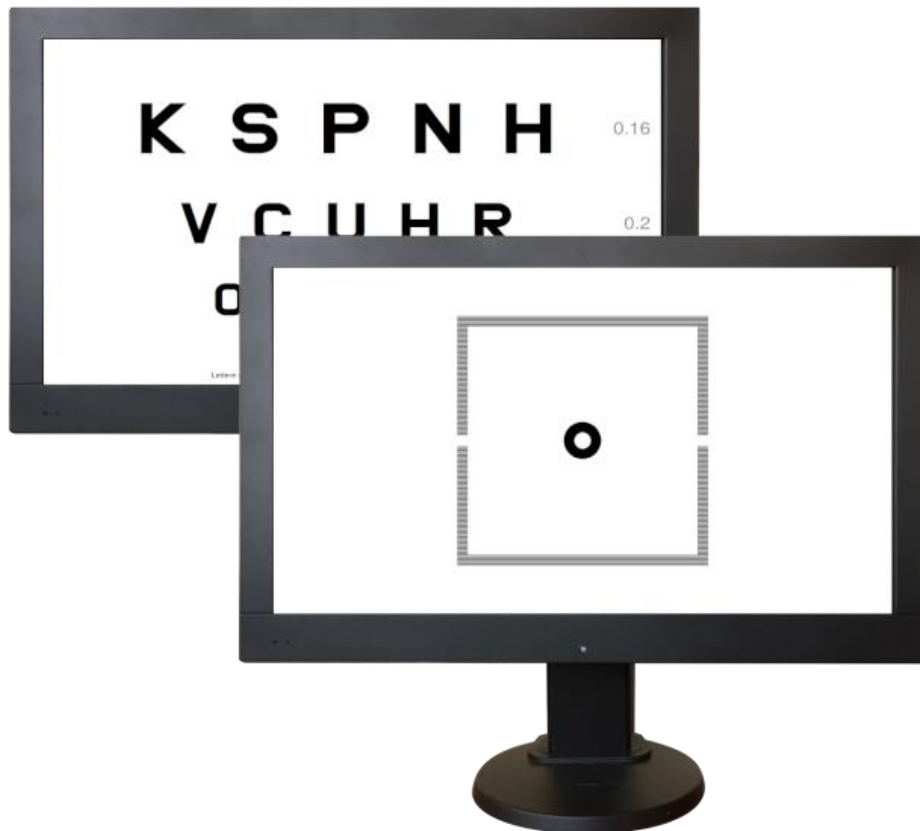


VistaVision

FarVisionDevice POLA

LINEAR or CIRCULAR polarization



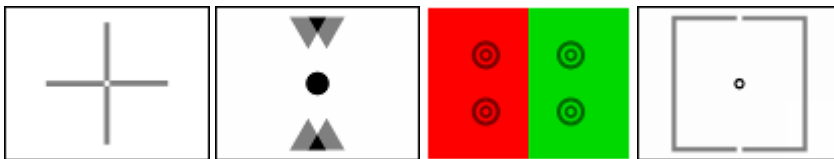
- 100% separation and equal background !
- 100% polarization: image separation created through the most improved Polarization technique eliminates “ghost images”
- Without any additional items, FAR POLA VistaVision allows the generation of optotypes with positive polarization
- TFT LCD 24-inch wide screen (1920×1080), Anti-Glare, calibrated constant certified luminance
- Wall mounting and Portable. Completely silent (fan-less)
- Computer integrated; Fast built-on and instant-off (Embedded Linux Operating System)
- Dynamic tests based on parameters and distance

- All letters chart with random and contrast sensitivity function
- Complete, precise and versatile software for a fast acuity evaluation; programmable patient's vision examination
- Free internet upgrade software via an appropriate USB Key
- Long-life, up to date technology and strong competitive price !

Test

Pola Tests, MKH-Haase tests ...

Binocular tests are shown with positive polarization through a special LCD screen: a unique solution for both monocular and binocular vision tests!



Charts, ETDRS

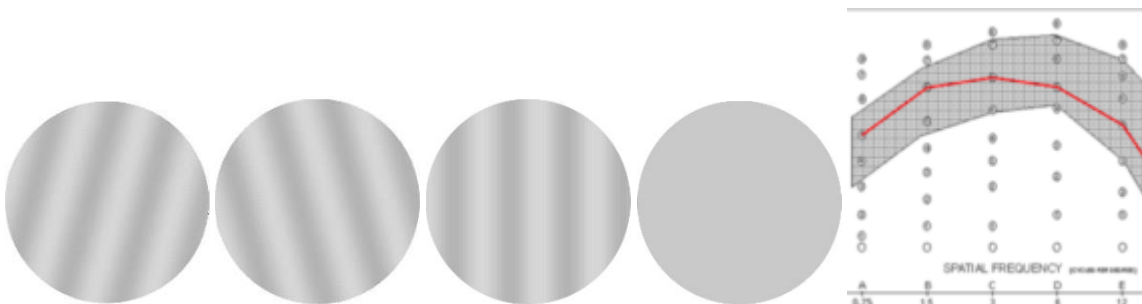
V.A. range from 0.03 to 2.0 (decimal), 13 contrast LogSC levels, random, single letter, single line, multi line, red and green.



Contrast Sensitivity Test

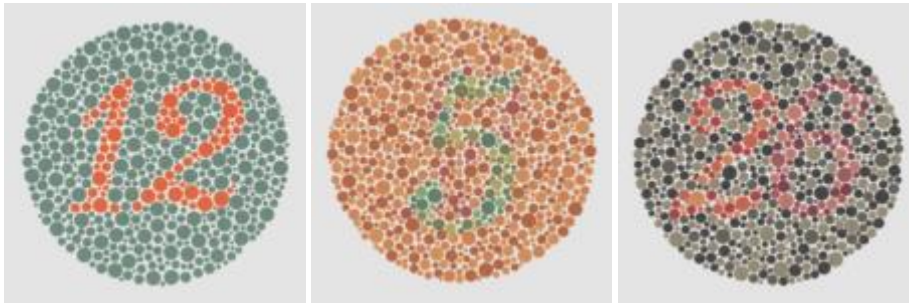
"FAST 2-1" psycho-physic procedure

144 calibrated stimuli, 3 random inclinations, 8 contrast sensitivity levels, 6 spatial frequency levels (from 0.75 to 18 cycle/degree), graph report.



Ishihara Tables

(25 brightness calibrated tables)



Stereo test

(15 tables) to use with red-green glasses



List of Charts:

Optotypes: Snellen Letters, Sloan Letters, Numbers, Children's Images, Tumbling E, Landolt's Ring, ETDRS tables (1, 2, R), Allen Pre-school, Circular Optotypes, Kolt Symbols, Contrast Sensitivity Chart (6 lines, 12 lines), Hebrew Letters, Chinese Ideograms.

MKH tests: Cross Test (K), Pointer Test (Zv, Zo, DZ), Rectangle Test Vertical (H), Stereo Triangle (St), Stereo Balance (V), Differentiated Stereo (D6/D8), Cowen (C), Random Dot Test (RS, RH).

Other polarized tests: Rectangle Test Horizontal, Binocular Balance (1, 2, 3), Osterberg Test, Schober's Test, Phoria Horizontal-Vertical, Mallet Test (OXO), Polarized Clock Dial, Osterberg Stereo Test, Cross Test.

Other tests: Contrast Sensitivity Test, Sinusoidal Grating, Color Blindness Test (Ishihara), Red and Green, Worth Four Dot Test, Astigmatism Clock Dial, Cross Cylinder Dots, Amsler's Grid, Random Dot Test Red-Green, Adult Grid, Child Grid, Row Bright Letters, Column Bright Letters, Half Clock Dial, Point of Fix, Maddox LED Test, Pictures for Retinoscopy, Photostress Recovery Time, Twilight Vision Test.

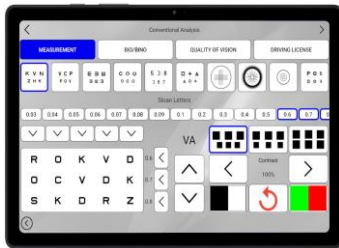
Connectivity



Infrared Remote Control:

- ad-hoc designed and dedicated remote control
- full functionality of EyeExamination Far Pola
- dynamic behavior

eyeTablet Operation Panel + Near Vision Tester (optional):



- high technology, user-friendly, touchscreen interface and wireless
- easy operation and full functionality
- you can perform eye examination without look directly to the chart panel
- this networking technology allows you to use multiple chart panels in the same examination room
- 2 products in 1: Near Vision Tester integrated



Wireless Connection Kit to Phoropter (optional):

- compatible with Huvitz HDR-7000, Huvitz CDR-3100, Indo eDR-10, Potec PAV-6100, Unicos UDR-700 and Tomey TAP-1000 wireless, Nidek 3100/5100/6100
- easy to install (if needed converter box not provided)

Specifications

- LCD for both monocular and binocular vision tests
- TFT LCD 24-inch screen, 1920x1080 pixel, 250 cd/m², 1000:1 contrast, calibrated luminance for quantitatively precise contrast evaluations
- VA range: from 0.03 to 2.0 (0.3/10 to 20/10)
- Patient-Screen distance: up to 8 m, step 5 cm
- Two LCD brightness levels: normal or low ambient brightness
- Visus units: 17 visual acuity notations including decimal, log, LogMar, Snellen m. (6/), Snellen ft. (20/), 10 ft, 3 m, MAR, ...
- 3 buttons to run all the tests

- Programmable display sequences
- MKH tests sequence according to Haase, over 30 polarized tests
- Contrast Sensitivity with the innovative “Fast 2-1” psycho- physic procedure
- Maddox led test
- Masking: Single letter, Horizontal lines, Descending lines
- Unlimited number of charts, full optotype randomization, dynamic tests
- Video player with child’s entertainment and stereo audio
- Accurate and elegant design. Silent
- Dimension (WxHxD): 59.5 x 37 x 5 [cm]. Weight: 4.3 kg
- Power supply: 110-220 VAC, 50-60 Hz. Power consumption: 60VA. Customizable auto power off.
- IR remote battery type: AAA (2x)
- Standard wall mounting Vesa 100
- Classification: CE, Medical Device Classe 1
- Compliance with: international standard UNI EN ISO 15004, ISO 10938, ISO 8596
- Free internet software updates, forever.
- 6 years warranty (limited to 2 years for the LCD surface/screen)

Compliances

- CE Certification as Medical Device Class 1
- FDA approved
- Luminance and calibrated contrast gray scale with certified measurement made by INO
- Product designed in compliance with:
 - UNI EN ISO 15004, Ophthalmic instruments – Fundamental requirements and test methods
 - UNI EN ISO 10938, Ophthalmic instruments – Chart projectors
 - UNI EN ISO 8596, Visual Acuity Testing – Standard optotype and its presentation