



 **oculera**

**VIRTUAL REALITY
VISUAL FIELD ANALYSER**



OCULERA VISUAL FIELD ANALYZER

Oculera is transforming eye care with its VR Visual Field Analyzer, a **Class IIa medical device** that modernizes ophthalmic diagnostics. Oculera VFA increases patient comfort, reduces costs, and adheres to the golden standards of perimetry.

FEATURES

- Threshold tests: 10-2, 24-2, 30-2
- Suprathreshold tests: C-40, C-76, FF-120
- Esterman Binocular 120° and 160°
- Ptosis tests: Superior 36 and 64
- Foveal threshold
- Voice assistant in multiple languages
- Online and Offline usage
- Progression Analysis:
 - Event analysis
 - Trend analysis
- DICOM and PDF formats
- Data import from other devices
- MD, PSD, GHT, VFI Parameters
- FP, FN, Fixation Loss
- Automatic Eye Tracking

ADVANTAGES

No need for eyepatch • No need for dark room • Only 500 grams
Portable • Fully ergonomic • Fully digital

Oculera's expanding test library keeps every aspect of ocular diagnosis covered!

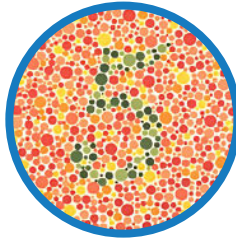


Core Vision Quality



Visual Acuity

Rapidly measures how sharply each eye sees letters and symbols at clinically standard distances.



Color Vision (Ishihara)

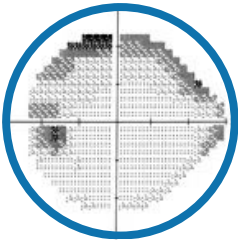
Uses vibrant VR Ishihara plates to flag red-green deficiencies in seconds.



Contrast Sensitivity

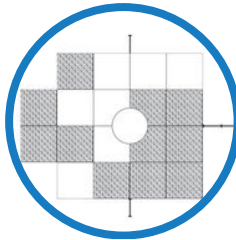
Tests the ability to detect low-contrast details that standard charts often miss.

Field & Retina Check



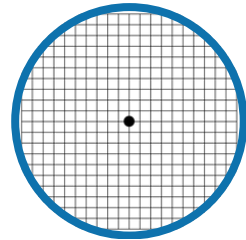
Visual Field (Perimetry)

Maps the entire visual field to pinpoint peripheral blind spots linked to glaucoma or neurologic issues.



Frequency Doubling Technology

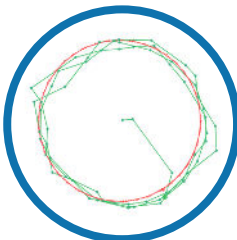
Employs flickering bar patterns to detect early ganglion-cell loss before it affects vision.



Amsler Grid

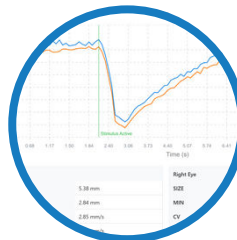
Reveals central vision distortions that signal macular disease with a simple grid check.

Eye Movement & Reflex



Extra Ocular Motility

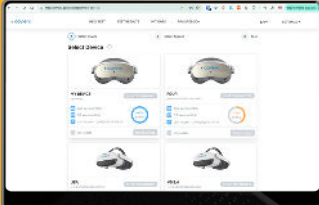
Tracks smooth and rapid eye movements to uncover muscle or nerve dysfunction.



Pupillometry

Captures precise pupil size and reaction times, exposing autonomic or neurologic anomalies.

Control Panel

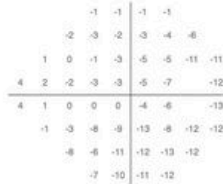
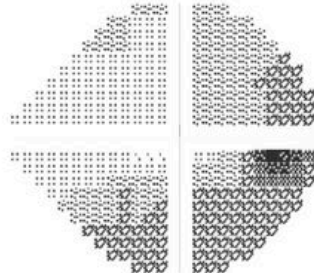


Access Test Results
Anywhere, Fully Mobile!

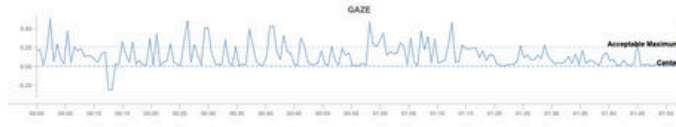
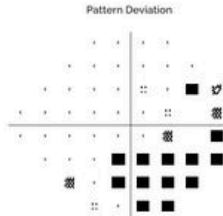
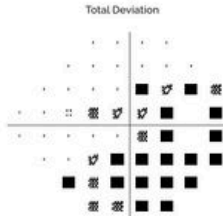


Test Duration
1:44
Blind Spot Test
DS
Test Style
Fast Tracking

Test Type
24-2
False NEG Errors
0%
False POS Errors
5%



GHT
Outside Normal Limits
VFI 72.00%
MD -7.21 dB
PSD 5.21 dB



For more information about sales and technical details, please contact us:



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