iVA

Portable Intelligent Visual Field Analyser

INTELLIGENT VISUAL FIELD ANALYSER



We Make Visual field Possible

Anytime

Anywhere

Always Accurate



LightBOX

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Intelligent Visual Field Analyser (iVA+)

Virtual Reality (VR) based Visual Field Perimeter, designed for visual field test. iVA+ is easy to carry and offers ease of use for both doctors and patients. It conducts visual field tests as per International Standards.

iVA
Portable Intelligent Visual Field Analyser

Making Eyecare Accessible

Multiple test strategies | Eye Tracking | Familiar Report



Easy to **Operate**

Space Saving

Patient **Comfort**

Fast and **Accurate**

Easy Interpretation

LightBOX

Easy to operate

Intelligent Visual Field Analyser (iVA+) has a simple smartphone interface for doctors and technicians, as well as an intuitive patient interface. It has very low maintenance requirements.

Space saving

Testing on Intelligent Visual Field Analyser does not require a dedicated dark room. Tests can be conducted anywhere and it can fit easily on a shelf. It can be carried in a small case for outreach programmes.

Patient comfort

Intelligent Visual Field Analyser (iVA+) offers ultimate comfort for users. It does not require an eye patch, and one can sit in a comfortable posture while taking the test. The accuracy will not be affected by head movements.

Fast and accurate

Intelligent Visual Field Analyser (iVA+) has real time gaze tracking, thus ensuring minimal fixation loss and more accurate reporting. One can choose to automatically pause the test if the user is not fixating properly at centre.

Easy interpretations

Intelligent Visual Field Analyser (iVA+) reports are designed as per globally accepted format. Tests are designed as per Goldmann perimeter standards.

Telemedicine ready

Intelligent Visual Field Analyser (iVA+) can perform tests and save reports without an active internet connection. It has an inbuilt battery and can run without continuous power supply. Thus making it ideal for telemedicine applications.

Intelligence AI Report



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PRODUCT DETAILS



Model / Part No.	Portable Intelligent Visual Field Analyser
Test type	10-2 | 24-2 | 30-2
Screening strategy	TOP, Supra Threshold
Threshold strategy	Standard Threshold
Stimulus colour	White on White
Testing time	2 mins - 8 mins per eye
Field of view (FOV)	Upto 60 degrees
Reliability parameters	Fixation loss, False positive
Stimulus size	Goldman standard III, IV, V
Stimulus duration	200 milliseconds
Stimulus intensity	Variable
Smartphone	Lenovo Tab M8
Fixation monitoring	Gaze tracker / Heijl-Krakau
Device weight	650 grams (with battery)
Dimensions 1	80 x 185 x 250 mm
Battery	Up to 4 hours continuous usage

About iVA+
started by a group of enthusiastic engineers with a dream to accelerate the detection of glaucoma in its earliest stages. The iVA+ is developed by Alfaleus Technology an indian start up in the medical technology, marketed all over Africa by LightBOX Medicals UAE.

Alfaleus and LightBOX partnership is focused on a mission to impove health of our patients and community through innovation and excellence in care, education and research. We beleive access to health care and instrumentation should be Simple, Efficient and Reliable at all times.

Developed By

ALFALEUS

Supported By

विज्ञान एवं प्रौद्योगिकी मंत्रालय
DEPARTMENT OF SCIENCE AND TECHNOLOGY

Distribution Partner

LIGHTBOX

CLINICAL VALIDATION ASSOCIATION WITH

ARAVIND EYE CARE SYSTEM

JOHNS HOPKINS SCHOOL of MEDICINE

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