

IVS SERIES - HIDDEN LED ARRAY PERIMETER



IVS-201A / IVS-201B

Reliability Accuracy Economy

Perimeter deserves your trust – Since 2005, IRC Medical initiated to manufacture perimeters and visual electrophysiological devices. IRC has ceaselessly improved and innovated its products and published 3 generations of products. As the rising star in this field, IRC has played a leading role in the field of ophthalmological function diagnosis.



Technical Specifications

| | | |
|------------------------------|--|--|
| Stimulus generation | Hidden LED Array | |
| Max temporal range (degrees) | 90° | |
| Testing distance | 30cm | |
| Background illumination | 31.5 asb (10cd/m ²), 100 cd/m ² * | |
| Stimulus size | Goldmann III | |
| Stimulus intensity | 0.08 asb - 10,000 asb (0-50 dB) | |
| Stimulus duration | 200ms, Configurable | |
| Test Strategy | | |
| Threshold test library | T10-2, T24-2, T30-2, T-Macula T60-4, T-NS | |
| Threshold strategy | Full Threshold, Fast Ladder, HISA, Standard Threshold | |
| Screening test library | S-40, S-64, S-76, S-80, S-Armaly S60, S-NS SF-81, SF-120, SF-135 | |
| Screen strategy | Two Zone, Three Zone, Qualified Defect | |
| Blue/Yellow perimetry* | T24-SWAP, T30-SWAP | |
| Custom testing* | Custom Program | |
| Colored perimetry* | Blue Stimuli | |
| Specialty test patterns* | Social Security Disability, monocular, binocular Superior 36, Superior 64 | |
| Fixation monitor | Heijl/Krakau blind spot monitor, Infrared video eye monitor, Gaze tracking, Fixation tracking, Pupil measurement, Blink control | |
| Software features | Visual Field Index Single field analysis SWAP analysis* Networking* DICOM Support* | Glaucoma Hemifield Test(GHT) Serial field overview HISA Analysis Glaucoma Progression Analysis* |
| Responder | Hand held, Foot pedal ^Δ (for upper limb disabled) | |

| | |
|--------------------------------|--|
| Operating System | Windows 7, Windows 8, Windows 10 |
| Networking | Networking DICOM Support* |
| Responder | Hand held, Foot pedal ^Δ (for upper limb disabled) |
| Operating System | |
| Operating System | Dedicated OS, immune for general computer viruses |
| Display interface | 15" LCD touch screen , Keyboard & Mouse ^Δ |
| Storage | ≥32GB, More than 1,000,000 test results |
| Backup | Flash Disk, Portable Hard Disk ^Δ , Networking |
| Networking | Ethernet |
| Electrical Requirements | |
| | 100-240V, 50~60Hz |
| Power consumption | 150W |
| Dimension/Weight | 56x49x60cm / 30 Kg |

Valid for IVS-201A

Δ Optional

* Only v

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The content
contact our

The content of the brochure may differ from the current status of approval of the product in your country. Please

IVS Group, IRC Medical Equipment(REPORT NAME)

Name: Mithlesh Devi

No: 201505141

Eye: OD

Gender/Age: Female/53

Central 24deg Threshold

Strategy: HSA

Stimulus: Standard

Pupil:

Date: 2015-05-14

Fixation Losses: 0 / 7

Background: 10 cd/m²

Visual Acuity:

Time: 15:48 PM

Fake NEG Errors: 1 / 7

Fixation Target: Central

IOP:

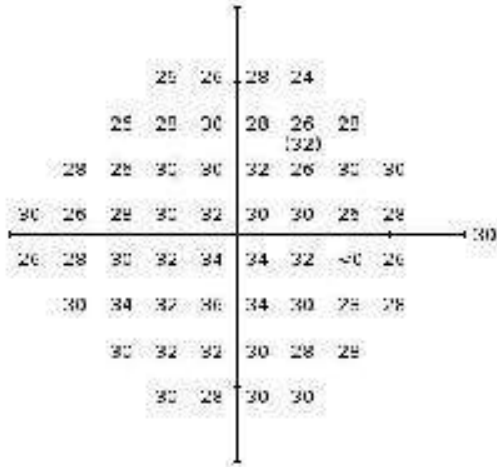
Test Duration: 2' 23"

Fake POS Errors: 0 / 7

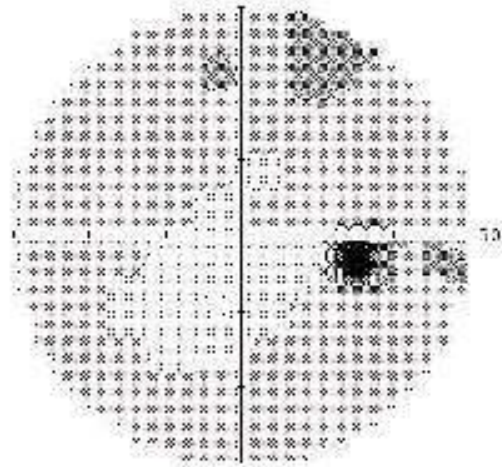
Fixation Scotoma:

RX:

D: gts



Gray scales



Comparison



Pattern comparison



GHT

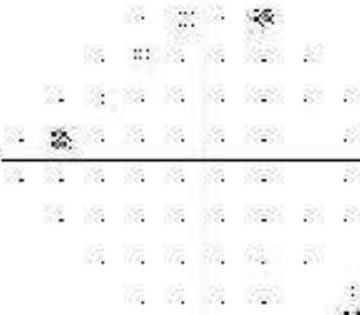
Within Normal Limits

VEI: 94%

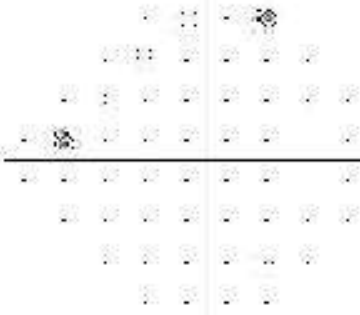
MD: 1.78 dB

PSD: 2.06 dB

Probability



Pattern probability



○ = 5%
 ○ = 2%
 ○ = 1%
 ■ = 0.5%

Diagnosis:



2006-2014, IRC Medical Equipment
 IVS-201B V2.0f Made in Chongqing,
 China