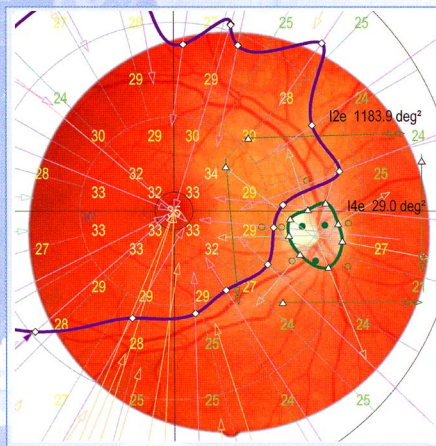


Perimetry you can trust.

Octopus 900



Octopus 900

Perimeters

HS HAAG-STREIT
INTERNATIONAL
Precision by Tradition



The Octopus 900 is remote controlled by a computer that may even be outside the examination room.

Octopus® 900

THE MOST VERSATILE FULL 90 DEGREE PROJECTION PERIMETER.

The Octopus 900 uses a full-size Goldmann spherical cupola which covers the entire 90 degree visual field area. It is the only perimeter of its kind allowing for four methods of perimetry all on one instrument. Whether you need fast screenings, early detection, general thresholding or kinetic testing for neuro and end-stage pathologies, the 900 provides astounding flexibility.

IT'S VERSATILITY INCLUDES:

- White/White, SWAP and Flicker Perimetry Methods
- Both manual and automated Goldmann Kinetic perimetry methods
- Binocular testing with 180 degree viewing angle
- Full threshold testing in just over 2 minutes per eye and screenings in under 1 minute
- Motorized refractive lensholder offering ergonomic handling

The motorized lensholder allows for ergonomic and uninterrupted examination flow.



A partner you can trust



There is no compromise when it comes to trust and reliability. Octopus has always provided 100% fixation control so you don't have to worry about fixation losses on your printout. Haag-Streit perimeters have the features that allow your patient to perform well, that help your technician do a good job and guarantee you get the most reliable and meaningful results in the least amount of time.

PHYSIOLOGY BASED PROGRAMS

On top of common programs like the 32, the G-pattern – a physiology related test pattern – is an Octopus standard. This examination program offers a higher density of stimuli in the center which allows for the discovery of paracentral scotomas that are missed by the common 32 pattern. The distribution of test locations in our G-pattern follow the nerve fiber bundle layer which permits a better correlation between functional and structural findings.

GOLDMANN KINETIC PERIMETRY (GKP)

End stage pathology can be difficult to ascertain using only standard static perimetry. The Octopus 900 can perform true kinetic perimetry in a programmed procedure, combining the advantages of the Goldmann method with computer assisted automation.

FIXATION CONTROL

The unique Octopus fixation control recognizes blinks that interfere with stimuli presented in static perimetry. Stimuli interrupted by the blinking of the patient are automatically repeated later during the test. Temporary gaze changes automatically pause the examination until correct fixation is regained. The result is a visual field that is always reliable.

AUTOMATED EYE TRACKING

Automated Eye Tracking (AET) recognizes the position of the pupil and keeps the eye centered. The Octopus provides optimum conditions for reliable and undelayed results.

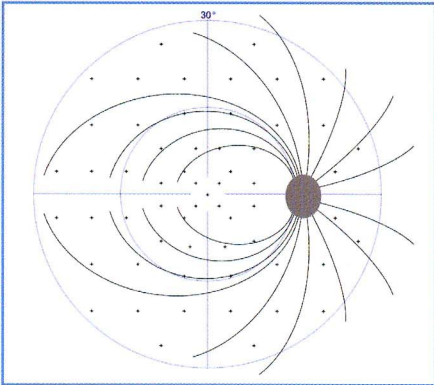
HEAD SENSORS

The head sensors offer even further control and reliability by pausing the test if the patient pulls away from the instrument.

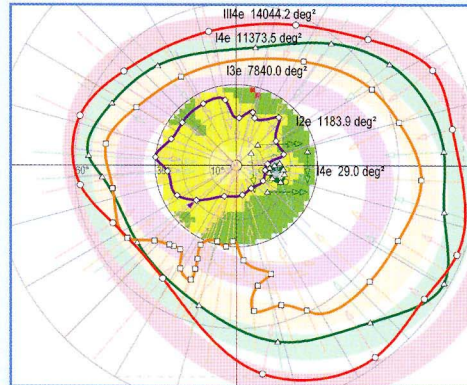
NETWORKING

With EyeSuite™ Perimetry Octopus provides software for an extensive and comprehensive analysis right at your fingertips and can be available on every PC in your network. Show your patient their results with colorful and easy-to-explain graphs.

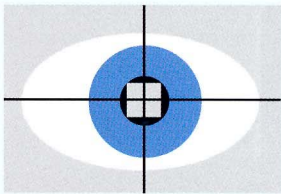
PHYSIOLOGY BASED PROGRAM



GOLDMANN KINETIC PERIMETRY

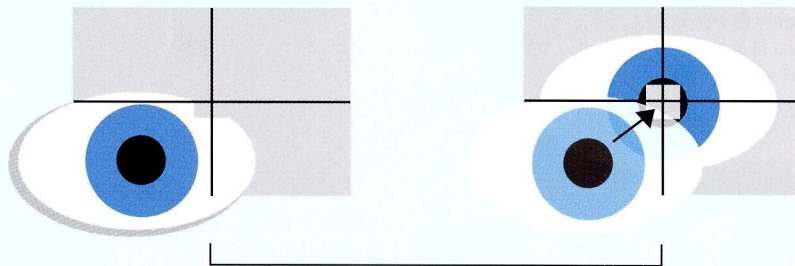


FIXATION CONTROL



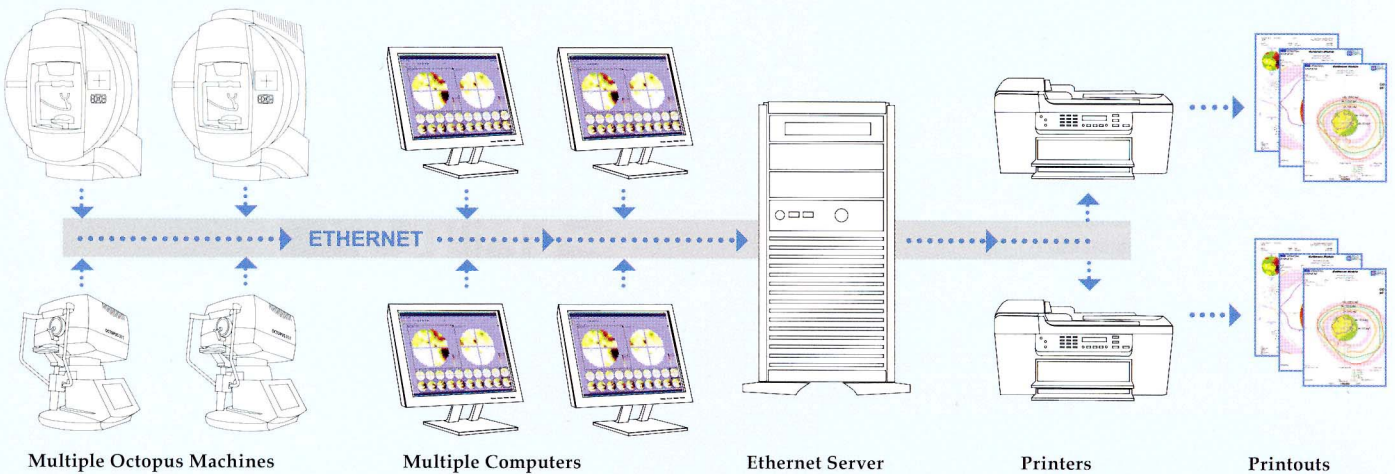
Correct fixation:
Displacements and blinks influence the examination flow in realtime.

AUTOMATED EYE TRACKING



Automated Eye Tracking:
If the eye becomes uncentered, the instrument automatically corrects the eye position again.

NETWORKING



Straight to the top

EyeSuite™ Perimetry gets straight to the point and is intuitive to use. See what you want to see in just a few clicks.



CHANGES MADE VISIBLE

EyeSuite™ Perimetry is the Haag-Streit solution for storing, analyzing and printing examination data and images on your PC or network.

INTUITIVE SOFTWARE

Get an immediate overview of your patient's examinations. Opening a specific examination is as easy as a double click on the examination icon.

PROGRESSION ANALYSIS

EyeSuite™ Perimetry offers multiple representations of progression. Simply double click your preferred display.

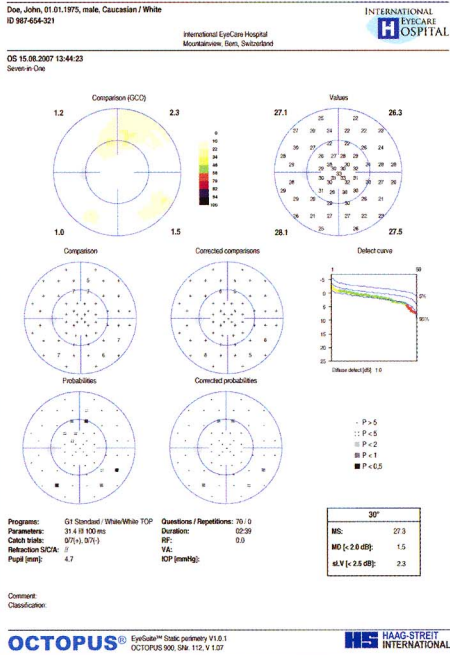
SUPERPOSITION IMAGES

Correlate your fundus images with the static and kinetic visual field. Octopus software allows for the import and superposition of fundus photographs and other retinal images. You get the full picture.

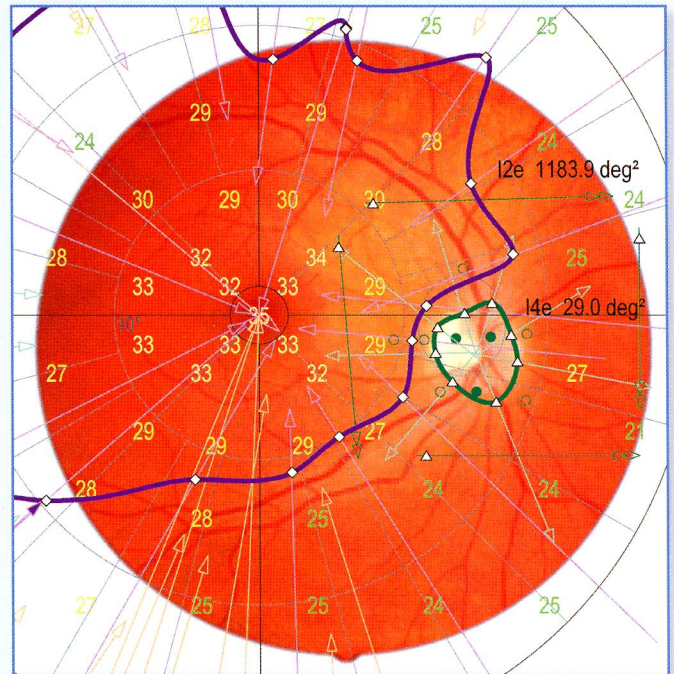
CONNECTIVITY

EyeSuite™ Perimetry connects into patient management systems. This allows for the exchange of patient data and examination results.

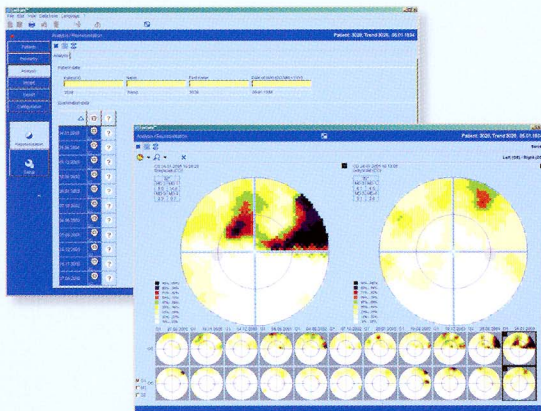
7-IN-1 PRINTOUT



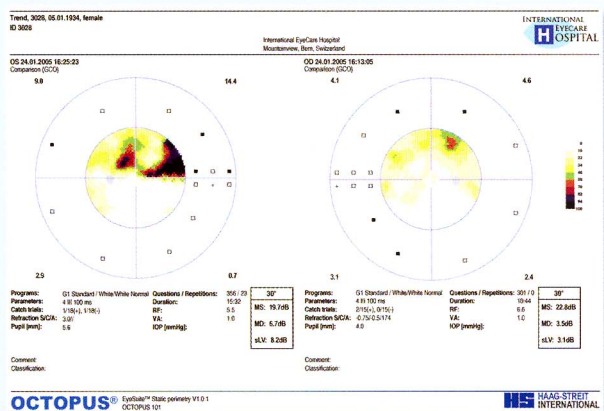
SUPERPOSITION IMAGES



INTUITIVE SOFTWARE



2-IN-1 PRINTOUT



SPECIFICATIONS

EYESUITE PERIMETRY LITE

EYESUITE PERIMETRY ADVANCED

EYESUITE PERIMETRY PRO

Archive perimetry data

Single field & trend analysis

Cluster trend analysis

Structure function graph

Superposition images / fields

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A great outlook

A picture is worth a thousand words. With Octopus and EyeSuite™ Perimetry you give your patients the best impression and the clearest picture.



A TRUSTED RELATIONSHIP

Perimetry is an important piece of the diagnostic puzzle. With EyeSuite™ Perimetry you have representative graphs at hand that give you and the patient a clear view of the patient's visual status.

No questions asked, EyeSuite™ is also an excellent basis to look at cases as a whole and discuss it. Especially since it runs on all PCs and connects to your examination database.

Satisfied patients return. Understanding the task and short test times are crucial factors to make the patient come back.



EyeSuite™ Perimetry supports the doctor with clear graphs. A good communication builds the partnership between doctor and patient.

Discuss findings within your team. Continued education and exchange of ideas are supported by Haag-Streit Octopus.



In good company

Join Haag-Streit Octopus, the pioneer in the development of today's perimetry.



THE HISTORY OF AUTOMATED PERIMETRY

In 1972 Franz Fankhauser et al developed the principles and concepts of automated perimetry, again at the University of Berne. In 1974, as a result the Octopus 201, the first automated static perimeter was born. Since then, Octopus pioneered with many significant innovations like the G-pattern, the direct projection system, fast strategies and software for visual field analysis. In 2002, Ulrich Schiefer chose the Octopus 101 to custom design his patented, reaction time compensated kinetic perimetry. As subsequent studies showed, it was the first time Goldmann like kinetic perimetry proved comparability of results and superiority

MILESTONES IN VISUAL FIELD EXAMINATION

The quest to document the functional state of the eye for diagnostic purposes found its first instrumental approach with the tangent screen of von Graefe in 1856.

In 1872, Scherk introduced the first half sphere perimeter in an attempt to test the whole visual field in a better reproducible manner. In 1945, Hans Goldmann of the University of Berne together with Haag-Streit developed the Goldmann Type 940 perimeter. This instrument with standardized, controlled parameters and its ingenious pantograph that at the same time allowed controlled projection and documentation is the reference for kinetic perimetry still today.

in repeatability over the original Goldmann Type 940 perimeter. Building on this experience, the Octopus 900 has been designed to perfectly match the needs for a Goldmann successor and set a new standard in perimetry.



The original Haag-Streit Goldmann perimeter is the predecessor of nowadays Octopus instruments.

Your reliable partner.

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