

## OCTOPUS 300 SERIES

### State-of-the-Art Perimetry in an Ergonomic Design

#### OCTOPUS 301

Designed around the patented INTERZEAG direct projection system the OCTOPUS 301 sets the trend in perimetry for the next decade. Ideal for routine screening and threshold examinations, the proven performance, accuracy and quality of the 301 will benefit any office or clinic.

#### OCTOPUS 311

The OCTOPUS 311 has additional hardware and software features to meet with the requirements of the most demanding clinics or teaching institutions.

- Standard with B/Y perimetry.
- Selection of user defined test parameters for experimental or clinical studies.
- Ethernet connection with built-in LAN adapter.
- Capacity for further tests including Flicker- and Color perimetry, Pupillometry, Ganzfeld Flicker, Amsler Chart and other diagnostic methods.

#### RELIABLE PRECISION

100% eye fixation control - if fixation is lost, no stimulus is presented.

- Diagnostic programs with test stages prioritising the most crucial field areas.
- Optional fast software for significantly shorter examinations avoid errors caused by patient and retinal fatigue.
- Continuous measurement of the pupil size allowing accurate assessment and comparison of data.

#### SPEED AND EASE OF USE

- The free rotating examination unit permits operation from all sides, to enable the use in tight spaces and in ambient light.
- Simple operation on a color input screen guided by a dialog in any language.
- With the optional Tendency Oriented Perimetry (TOP) test strategy, a full threshold examination takes less than 2:30 min.
- Electronic eye fixation adjustment without disturbing the patient.
- The clear Seven-in-One print-out presents the most complete information needed for the assessment of the results.
- During the examination, a real time display of statisti-



cal data provides on-line information about the status of the patient's visual field. Also, the test procedure can be interrupted at any time and continued later without losing data.

- A built-in training program facilitates giving instructions and shortens the learning process.
- Software is easily updated to the latest version by the exchange of a software module or by downloading from the Internet.

#### PATIENT COMFORT

- The ergonomic design maximizes patient comfort.
- Faster testing results in better patient cooperation.
- Cold light sources avoid heat dissipation and eliminate the noise of cooling fans.
- Patients are encouraged to blink regularly without the risk of introducing erroneous results.

## OCTOPUS 300 SPECIFICATIONS

Head sensors  
signal for correct  
patient position

Oblique headrest  
assures patient  
comfort

Small,  
lightweight,  
power 40 VA



Rotates to any desired  
position allowing  
operation from all sides

LCD input screen  
with dialog in  
any language

USB printer  
output

		OCTOPUS 301	OCTOPUS 311
Optical system	30° direct projection	✓	✓
Installation	No dark room conditions required	✓	✓
Design and access	Free rotating examination unit, access from all sides	✓	✓
Operation	Color LCD input screen	✓	✓
Work log counter	Ongoing counting of examinations	✓	✓
Dialog language	All languages available in Windows®	✓	✓
Eye monitor	Infrared sensitive eye camera and video display	✓	✓
Eye fixation control	Electronic eye fixation control	✓	✓
Eye fixation adjustment	Electronic eye fixation adjustment	✓	✓
Autom. fixation adjustment	Perimeter automatically adjusts for fixation loss	option***	✓***
Pupil size measurement	Continuous average pupil size measurement	✓	✓
Examination programs	Programs G1, 32, M2, ST and LVC	✓	✓
Test strategies	Normal 4-2-1dB, Low vision, Dynamic and 2LT (Qualitative 3-zone) strategy TOP strategy	✓ option	✓ option
Automatic procedures	Automatic test settings available for all programs	✓	✓
Stimulus sizes	Goldmann III and V	✓	✓
Stimulus intensity	0-10'000asb	✓	✓
Background illumination	31.4asb / 4asb and 314asb	✓ / option	✓
Printer output	USB output for connection to standard color printers	✓	✓
Print-out formats	Seven-in-One print-out Selection of 10 print-out formats, incl. Two-on-One landscape format	✓ option	✓ ✓
Data output to PC	Data analysis in conjunction with PeriTrend		
Software upgrades	Exchange of software module or transfer of updates from PC by CD or downloading from Internet	✓	✓
User defined programs	5 custom tests and free selection of catch trials	option	✓
Special Perimetry	Blue-on-Yellow Perimetry Flicker Perimetry Color Perimetry	option ** option option **	✓ ✓ option **
Other diagnostic tests	Capacity for Pupillometry, Ganzfeld Flicker, Amsler Chart and other diagnostic tests	options	options
Variable test parameters *	Stimulus size, shape and color, Background intensity and color, Fixation target, shape and color	option **	option *
Bi-directional PC connection	Input of patient data from an external software system	option	✓
Network compatibility	Integrated LAN adapter with Ethernet output	option *	✓
Remote control	PC control of perimeter functions	option	✓
Power requirements	85-264VAC, 40VA 2VDC, 25VA	✓ option	✓ option

\*) Hardware modification \*\*\*) Factory modification \*\*\*\*) projected

Preliminary specifications subject to change without prior notice. © 01/01 INTERZEAG AG #4-0200-0860 (revision 1)