

AP-300

FREY VISUAL FIELD ANALYZER

KEY FEATURES

FREY commissioned a clinical evaluation comparing test field 30-2 on FREY AP-300 and Humphrey® HFA II 740 Visual Field Analyzers. Strategies used - Fast Threshold on AP-300 and SITA Standard on HFA. Age group 22-90 years. 47 eyes were tested with common vision field defects. Clinical evaluation demonstrated comparable results. Test duration on the same patient for AP-300 was ~2-3 minutes shorter than on HFA II 740 device.

WIDE RANGE OF TEST PATTERNS

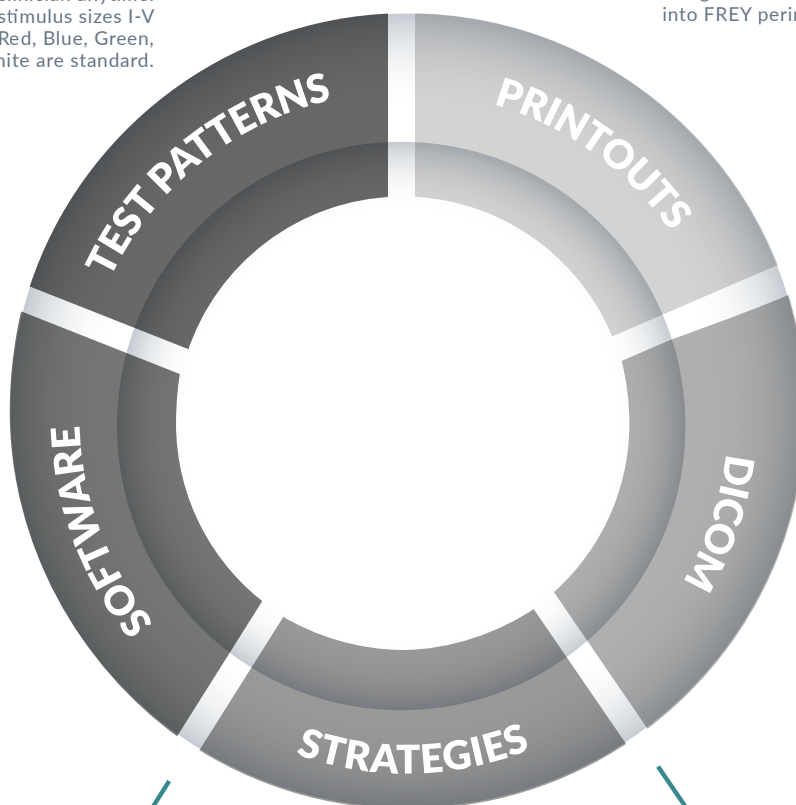
AP-300 include a wide range of standard visual field test patterns including 30-2 24-2. Additional test patterns can be easily added by the clinician anytime. Static and kinetic testing, stimulus sizes I-V and stimulus colours Red, Blue, Green, White are standard.

MULTIPLE PRINTOUT OPTIONS

FREY AP-300 printouts are clinically comparable to leading visual field analyzers. Clinicians can tailor examination printouts using world class functionality embedded into FREY perimetry software.

USER FRIENDLY SOFTWARE

FREY perimetry software is licence free and can be installed on unlimited numbers of clinic computers. Easy to use and cost effective. Secure data exchange between AP-300 clinic computers is a standard functionality of FREY visual field analyzers.



DICOM EXPORT

FREY visual field analyzers allow safe and secure exchange of patient data with EMR system using open DICOM formats. Compatible with leading EMR systems.

STRATEGY IS THE KEY

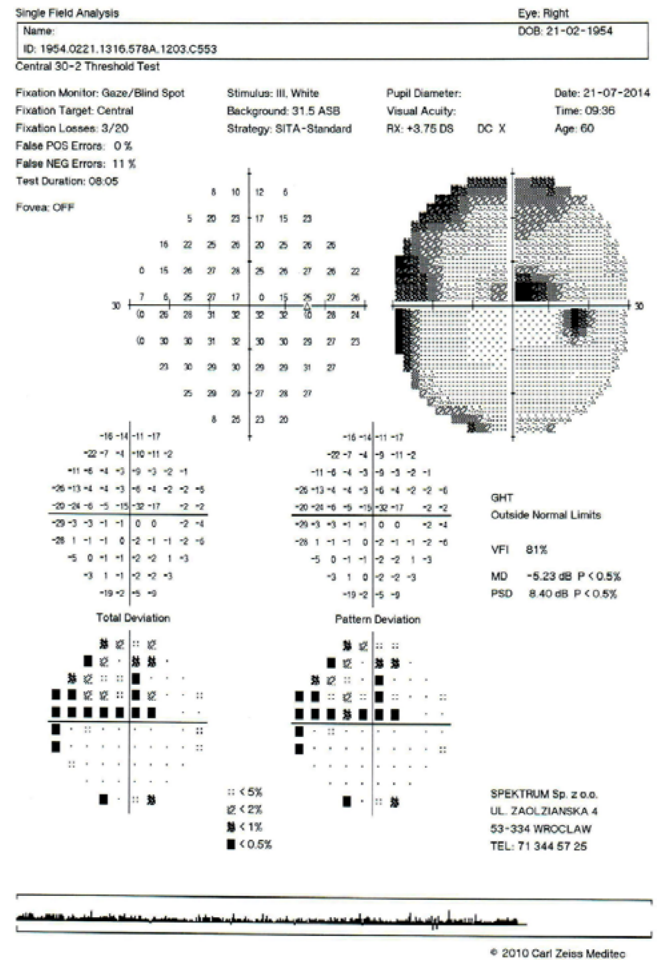
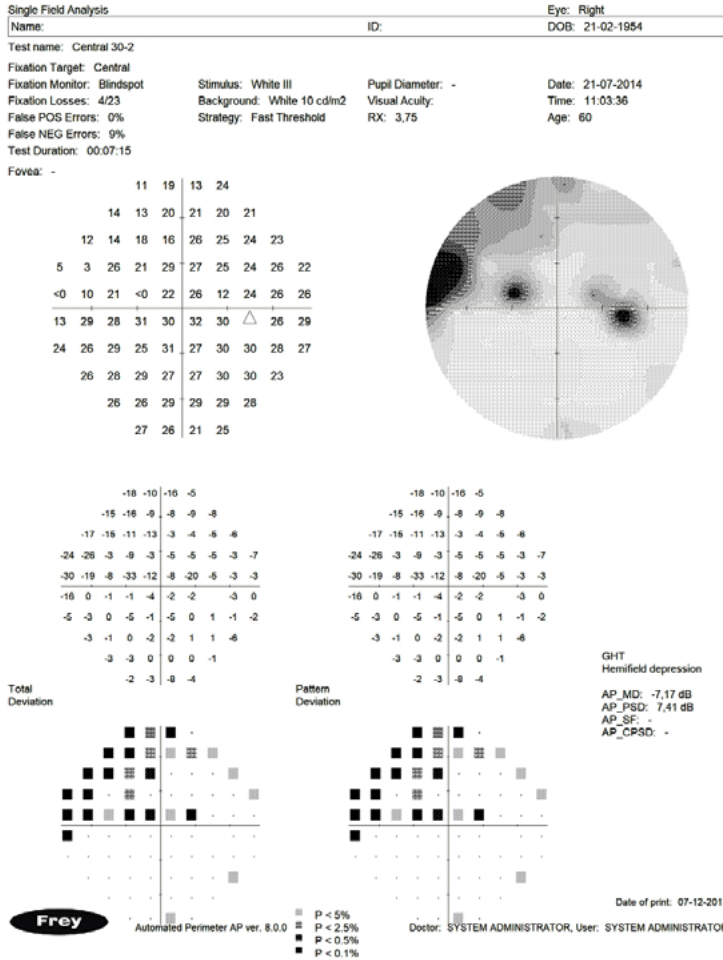
FREY visual field analyzers deliver advanced Threshold and Suprathreshold test strategies resulting in precise and fast detection of visual field changes.

AP-300 & HFA CLINICAL COMPARISON

Visual comparison of examination printouts (absolute values in dB and greyscale map)*

FREY AP-300

Humphrey® HFA II 740



FREY AP-300 Visual Field Analyzer combine the critical features of static and kinetic perimetry, offering a rich set of diagnostic techniques. Advanced application software provides unique functional analysis of patient results, making diagnosis simple and fast for the clinician. Standard presentation of patient perimetry results allow the clinician to print a single test and present clinical changes in the visual field over time.

Frey AP-300 & Humphrey® HFA II 740

TECHNICAL SPECIFICATIONS	840	850	860	AP-300	TECHNICAL SPECIFICATIONS	840	850	860	AP-300
TEST SPECIFICATIONS					OPERATOR INTERFACE				
Maximum temporal range (degrees)	90			80	Touch-screen with keyboard	•	•	•	•
Stimulus duration	200 ms 500 ms			0.1-9.9s 200 ms default	FIXATION CONTROL				
Visual field testing distance	30 cm				Heijl Krakau blind spot monitor	•	•	•	•
Background illumination	31.5 ASB				Video eye monitor	•	•	•	•
THRESHOLD TEST LIBRARY					Gaze tracking	•	•	•	•
24-2, 30-2, 10-2, Macula	•	•	•	•	Head tracking	•	•	•	•
60-4, Nasal step	•	•	•	Glaucoma	Vertex monitoring	•	•	•	•
THRESHOLD TEST STRATEGY					STIMULUS				
SITA Standard, SITA Fast, Full Threshold, Fast-Pac, SITA Faster	•	•	•	Full Threshold, Fast Threshold, Smart Threshold	White-on-white	•	•	•	•
SITA-SWAP 24-2 only	•	•	•	Threshold BY, Fast ThresholdBY, Smart Threshold-BY, 24-2; 30-2	Red- or blue-on-white	•	•	•	Only Red on White
SUPRATHRESHOLD TEST LIBRARY					Blue-on-yellow (SITA SWAP)	•	•	•	•
C40, C76, C80	•	•	•	Similar tes fields are available or can be defined by user Screening, constant, 3zone, 2zone, Fastscan, Neurological suprathreshold strategies	GENERAL TESTING FEATURES				
C64, C-Armaly	•	•	•	•	Stimulus sizes	Goldmann I-V			
Peripheral test patterns	•	•	•	•	Foveal threshold testing	•	•	•	•
SUPRATHRESHOLD TEST MODES					Automatic pupil measurement	•	•	•	•
Age corrected	•	•	•	•	Liquid Trial Lens (AutoTLC)	•	•	•	•
Threshold related, Single intensity	•	•	•	•	RelEYE eye review	•	•	•	•
SPECIALTY TEST LIBRARY					TEST STORAGE				
Social Security Disability, monocular, binocular	•	•	•	•	User-defined	•	•	•	•
Esterman monocular, binocular, superior 36, 64	•	•	•	•	SOFTWARE FEATURES				
Kinetic testing	•	•	•	•	Single Field Analysis (SFA)	•	•	•	•
Custom Kinetic testing	•	•	•	•	Glaucoma Hemifield Test (GHT)	•	•	•	•
Custom Static testing	•	•	•	•	Visual Field Index (VFI)	•	•	•	•
					Guided Progression Analysis (GPA)	•	•	•	Regression analysis
					Serial field overview	•	•	•	Multiview
					Networking	•	•	•	•
					FORUM Connectivity	•	•	•	•
					DICOM Connectivity	•	•	•	DICOM Export
					DATA STORAGE, RETRIEVAL AND ANALYSIS				
					Hard drive	500GB	500GB	500GB	256GB SSD
					USB	•	•	•	•
					Printer	Native postscript printer support for network capable printers			Windows compatible

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