



# MERCOFRAMES OPTICAL CORP

5555 Nw 74 Ave. Miami, FL 33166. 305-882-0120

sales@mercoframes.net

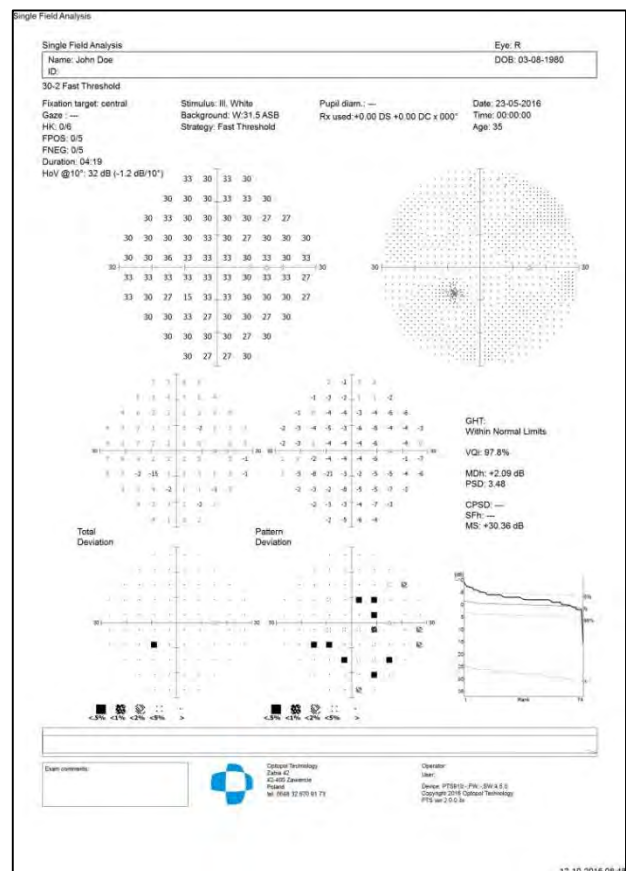
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## PTS 925W – compact visual field analyzer



Automated Perimeter PTS 925W brings the world's most popular orthogonal fields 30-2 and 24-2 into the compact sized device. Despite its compact size, the 925W offers cutting-edge design and software capabilities. With the 170° horizontal and 95° vertical testing range (with fixation shifts), there is no scenario in which the PTS 920W could not play a role in glaucoma and other disease management. From precise macula thresholding to the binocular Esterman driving test – everything is within reach.

- **Compact and robust design** - 410 x 568 x 410, 9kg
- **Tilted bowl** - device can be used even on non-adjustable table.
- **Closed bowl** for bigger immunity to examination room brightness
- **White on white testing** – stimuli brightness 10000asb and background illumination calibrated according to Zeiss HFA “Humphrey”)
- **Goldmann standard bowl and stimulus** – Stimuli size **Goldmann III** (same as in Zeiss HFA “Humphrey”)
- **170° horizontal and 95° vertical testing range** - perfect for testing central and peripheral vision.
- **Esterman binocular test** for drivers.
- Most popular **30-2** , **24-2** and **10-2** testing fields (same as in Zeiss HFA “Humphrey”).
- **Thresholding** on 24-2 and 30-2 in **3-4 minutes** – Advanced fast strategy for rapid thresholding of central field
- **HFA style printouts and indexes**
- New PTS software with **Gaze Tracking**, **Voice Guide** and **DICOM** support



Device		PTS 925W
Examination bowl		300 mm radius, spherical, closed type, ventilated
Test field range	superior	40°
	inferior	40° (55° with fixation shift)
	Left to right	100° (170° with fixation shift)
Testing techniques	Static perimetry	●
	Kinetic perimetry	-
Stimulus sizes (Goldmann)	III	●
	I to V	-
Stimulus colors	White	●
	Green	-
	Blue	-
	Red	-
Background illumination	White 3,2 cd/m <sup>2</sup> (10 asb)	-
	White 10 cd/m <sup>2</sup> (31,5 asb)	●
	Yellow 100 cd/m <sup>2</sup> (315 asb)*	-
Maximum stimulus intensity		10000asb
Fixation control	Gaze tracking	●
	Blink monitoring	●
	Heijl/Krakau	●
Chinrest control	Electrical up-down	●
	Electrical left-right	-
Patient response time	Set manually 0,1 to 9,9 s	●
	Adaptive to patient speed	●
Test fields	Radial test field patterns	-
	Orthogonal test field patterns	●
	10-2, 24-2, 30-2	●
Test strategies	Screening (Quantify defect, 3-zone, 2-zone)	●
	Threshold (Threshold, Fast Threshold, Advanced Threshold)	●
	Special (BSV, Flicker )	●
	Esterman Test	●
	Kinetic	
Analysis	Single field analysis	●
	Result comparison	●
	Defects progression	●
	Statistical package	●
Connectivity	DICOM Storage SCU	●
	DICOM MWL SCU	●
	GDT,TXT, CMDL	●
	Networking, Remote database	●
Device interface		USB 2.0
Dimensions mm (HxWxD)		410 x 568 x 410, 9kg
Operating Voltage		100-120 V AC 50-60 Hz or 220-240 V AC 50-60 Hz
Power consumption		30 W