

PTS 900, 910, 910 BY Technical Data

Number of test points	168 168+120	(PTS 900, 910) (PTS 910 BY)
Tested field range	100° (160° for driving test)	
Perimetry technique	Static	
Stimulus size	Goldmann Size III	
Stimulus source	LED 565 nm LED 565 nm, LED 440 nm	(PTS 900, 910) (PTS 910 BY)
Stimulus intensity	from 0,03 asb to 1000 asb (in 3 dB steps)	
Fixation control	Gaze tracking, Video eye monitor, Heijl/Krakau blind spot monitor	
Patient response time	0,1 to 7,5 s	
Background illumination	10 asb white color 10 asb white color, 314 asb yellow color	(PTS 900, 910) (PTS 910 BY)
Test fields	<ul style="list-style-type: none"> - Central 30° - Full 50° - Peripheral 30°-50° - Macula 10° - Glaucoma 22°/50° - Extended 50° nasal, 80° temporal - Fast 30° - User defined, up to 50° - Binocular Driving Test, 160° bitemporal, 100° vertical 	
Strategies	Threshold, Fast threshold, Screening, 3-zone, Neurological, BSV (Binocular Single Vision), Spatial sensitivity, Flicker (Critical Fusion Frequency measurement)*, BDT (Binocular Driving Test), Blue on Yellow (SWAP, PTS 910 BY)	
Result maps	Age Norm Deviation, Hill of Vision Deviation, Defect Probability Graph, Defect Progress Analysis, Results Comparison, Bebie Curve, Pupil Movement Graph, 3D Visualization of Patients HOV	
Interface	USB 2.0	
Dimensions	670 x 550 x 400 HxWxD [mm]	
Operating Voltage	100-250V 50/60Hz	
Additional features	Eye monitoring by built-in video camera. Advance auto-detection of eye position. Automatic pupil diameter measurement. Electrical chinrest adjustment*, Patient's adaptive pacing. Printout with color maps, standard style printout or alternative (Humphrey-like) style printout. Network capabilities (remote database, networked review stations). Ergonomic design provides comfortable position during examination. A special ventilation system keeps fresh air throughout examination*.	

* PTS 910, 910 BY



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