

RODENSTOCK Instruments



Making analysis
fashionable

Perimeter Series

Automated Perimeters

The Perimeter Series: Choose the perfect match for your business



“ The Perimat meets all the expectations I have of a modern perimeter in terms of versatility and accuracy. ”

What are your benefits?



Shorter testing time
Special strategies and techniques reduce testing time



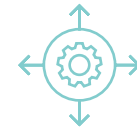
Patient comfort
Stable and comfortable patient head support during examinations



Accuracy
Automatic eye tracking for accurate examination of field loss



Intuitive operation
User-friendly application



Versatility
Large variety of tests and strategies to meet every need



Competency
Comprehensive data analysis and reports

A smart selection
to suit your needs.

The Perimeters

The RODENSTOCK Instruments perimeters are equipped with all you'd expect from a modern automated perimeter. All models incorporate solutions that reduce testing time, automatic fixation control, monocular and binocular testing, extensive software functionality, and versatile reporting.

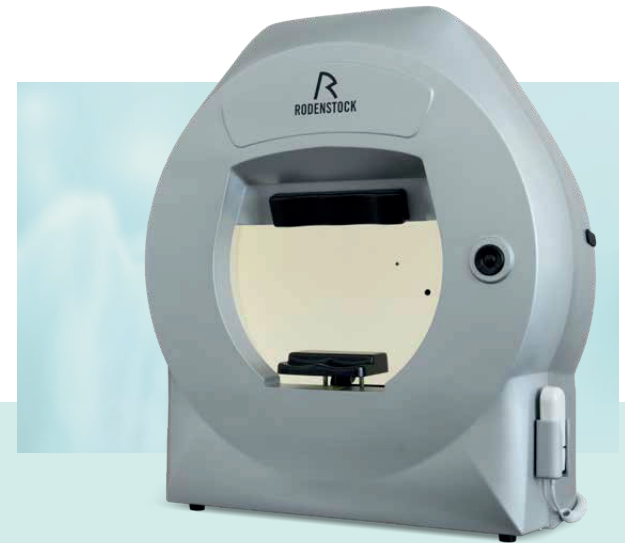


Perismart

- Static automated perimeter
- Lightweight desktop model
- Ideal for glaucoma diagnosis and specific requirements of occupational medicine
- White-on-white LED back-projection stimuli
- Wide range of strategies and test fields
- Can be configured with almost any PC running the Windows operating system

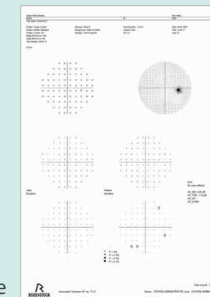
Peristat

- Static automated perimeter
- Wide range of strategies, test fields, and parameters
- Green-on-white LED back-projection stimuli
- Blue/yellow (short-wavelength automated perimetry)
- Can be configured with almost any PC running the Windows operating system

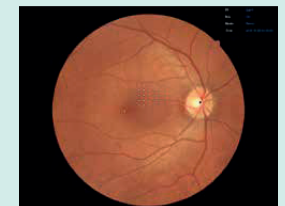


Perimat

- Static and kinetic perimeter
- Wide range of strategies, test fields, and parameters
- White-on-white front-projection stimuli
- Blue/yellow (short-wavelength automated perimetry)
- Targeted perimetry (merges with fundus images)
- Integrated PC that's ready to be connected to an external monitor with or without a touch screen



Print-out sample



Targeted perimetry

Specifications

	PERISMART	PERISTAT	PERIMAT
TEST SPECIFICATIONS			
Maximum temporal range	80° (with fixation shift)	80° (with fixation shift)	80° (with fixation shift)
Maximum superior/inferior range	40° (with fixation shift)	50°	50°
Stimulus duration	0.1 to 9.9 s	0.1 to 9.9 s	0.1 to 9.9 s
Visual field testing distance	30 cm	30 cm	30 cm
Background illumination	32 asb (10 cd/m ²)	10 asb (3.2 cd/m ²)	32 asb (10 cd/m ²)
Stimulus intensity	10,000 asb	1,000 asb	10,000 asb
TEST MODES			
Supra threshold age-corrected (screening)	×	×	×
Single intensity	×	×	×
Full threshold	×	×	×
Fast threshold	×	×	×
Smart threshold		×	×
2-Zone, 3-Zone, Quantify defect, Neurological		×	×
SPECIALTY TEST LIBRARY			
Bi-driving, Industrial medicine, monocular, binocular	×	×	×
Peripheral		×	×
Kinetic testing			×
Blue-on-yellow (SWAP)		×	×
Custom testing		×	×
TEST FIELD LIBRARY			
24-2, 30-2, 10-2, macula			×
Glaucoma (nasal step)	×	×	×
Central 22, Central 30, Macula 10, Full	×	×	×
Peripheral		×	×
COMPUTER			
Built-in PC			×
Touch-screen support	×	×	×
FIXATION CONTROL			
Heijl Krakau blind-spot monitor	×	×	×
Eye tracking (video camera)	×	×	×
Eye preview (video camera)	×	×	×

	PERISMART	PERISTAT	PERIMAT
STIMULUS			
White on white	×		×
Green on white		×	×
Red on white			×
Blue on yellow		×	×
GENERAL TEST FEATURES			
Stimulus size (Goldmann size)	III	III and V	I to V
Fovea threshold testing	×	×	×
Automatic pupil measurement	×	×	×
OTHER SOFTWARE FEATURES			
Network connectivity	×	×	×
DICOM export	×	×	×
Targeted perimetry (merges tests with fundus images)			×
Fast threshold strategies	×	×	×
Time-adaptive algorithms	×	×	×
Regression analysis	×	×	×
Printer	Ext. or network printer	Ext. or network printer	Ext. or network printer
DIMENSIONS AND ELECTRICAL REQUIREMENTS			
Dimensions WDH	548 × 450 × 382 mm	566 × 420 × 637 mm	566 × 420 × 637 mm
Weight	9 kg	18 kg	23 kg
Input	115 to 230 V	115 to 230 V	115 to 230 V
Frequency	50/60 Hz	50/60 Hz	50/60 Hz
Power consumption	Max. 35 VA	Max. 45 VA	Max. 95 VA

2nd km Katerinis - Elassonas, Katerini, Greece
Branch: Evelpidon 61-63
11362 Athens, Greece

Tel: +30 23510 79750 / +30 210 5750572
e-mail: info@optohellas.com
www.optohellas.com

optohellas
Worldwide Representation Platform