

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



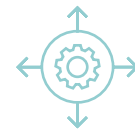
Accuracy

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.

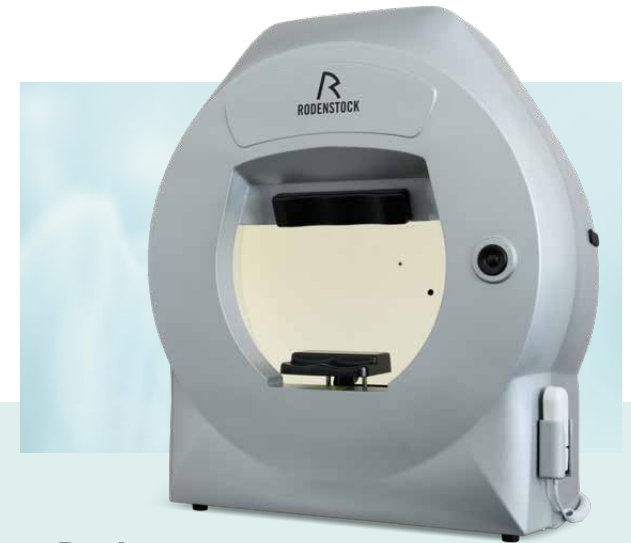


Perismart

- 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

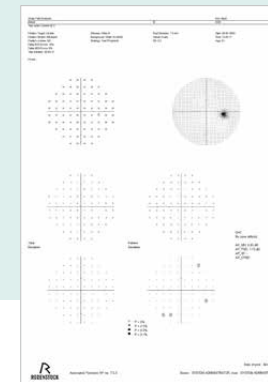
Peristat

- 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 x 450 x 382 mm | 566 x 420 x 637 mm | 566 x 420 x 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 |

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RODENSTOCK Instruments is a
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