



Making analysis
fashionable

Perimat 2

Automated Perimeter

The Perimat 2: Tune up your business



What are your benefits?



Short testing time
Enhanced threshold algorithms save time



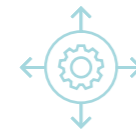
Intuitive operation
Efficient workflow and audio guide



Accuracy
Advanced eye tracking and monitoring



Competency
Comprehensive test reports and progression analysis



Versatility
Complete set of threshold, supra-threshold, and kinetic tests



Consistent quality
Maintenance-free LED illumination ensuring a stability of the light source over time

“ The Perimat 2 guides me through a visual field examination very intuitively and provides comprehensive single or progression reports. ”

Perimat 2
simplifies
your workflow.

Outstanding features

Test strategies

The TIA strategies highly reduce the test time for enhanced patient comfort.

Advanced eye-tracking

Each stimulus presentation is confirmed by an eye capture and verified by AI algorithm in a progress bar.

Near vision test

The trial lens power is recommended based upon the patient age and prescription of the examinee. The near vision visual acuity can then be confirmed by the projection of Snellen E into the projection bowl.

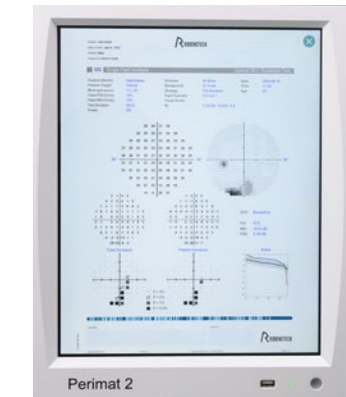
Patient audio guide

In the stage of preparation for the test, Perimat 2 guides whether the operator or the examinee by text or audio instructions.



17" HD capacitive touch screen

The HD monitor is arranged in portrait format for greater versatility in terms of control and for an ideal representation of test reports. The dark mode is a welcome feature for improved comfort in dim light conditions.



Variety of visual field tests

Perimat 2 is a combined static and kinetic automated perimeter. The full set of threshold, supra-threshold and kinetic tests enable to cover almost any scenarios whenever a visual field test is being performed.



Specifications

TEST SPECIFICATIONS

Maximum temporal range	90°
Stimulus duration	200 ms/500 ms or 0.1 - 9.9 s
Visual field testing distance	30 cm
Background illumination	31.5 ASB White/10 ASB White/ 315 ASB Yellow

STIMULUS

Stimulus size	Goldmann I, II, III, IV, V
Stimulus colour	White/Green/Red/Blue
Stimulus colour presentations	White-on-white Red-on-white, green-on-white, blue-on-white Blue-on-yellow (SWAP)

TEST STRATEGIES

Threshold	TIA-Standard, TIA-Fast, TIA-Superfast, TIA-SWAP, Full Threshold, Fast Threshold, Foveal Threshold
Suprathreshold	Two Zone, Three Zone, Quantify Defects

TEST FIELDS

Threshold	Central 24-2, Central 24-2C, Central 10-2, Central 30-2, Peripheral 60-4, Macula, Nasal Step
Suprathreshold	Central 40 Point, Central 64 Point, Central 76 Point, Central 80 Point, Armaly Central, Nasal Step, Peripheral 60 Point, Full Field 81 Point, Full Field 120 Point, Full Field 135 Point, Full Field 246 Point, Armaly Full Field, Superior 36 Point, Superior 64 Point, Esterman Monocular, Esterman Binocular, Gandolfo
Test modes	Age Corrected, Threshold Related, Single Intensity

AUXILIARY FUNCTIONS

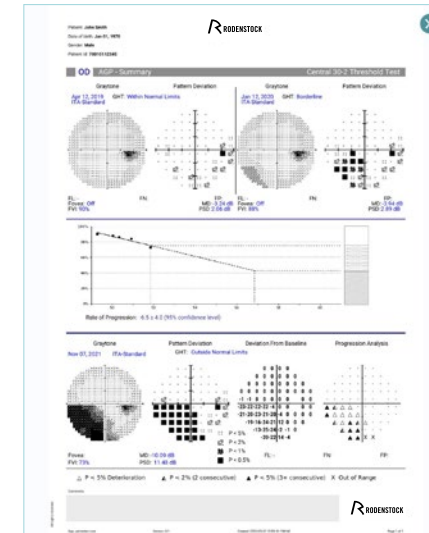
Fixation control	Heijl-Krakau blind-spot monitor, Video-camera eye preview, Digital Eye Tracking (DETECT), Head Tracking, Vertex monitoring
Software features	Foveal threshold testing, Automatic pupil measurement, Single Field Analysis (SFA), Glaucoma Hemifield Test (GHT), Field of View Index (FVI), Serial field overview, DICOM Export, DICOM OPV (Ophthalmic Visual Field), DICOM Worklist Modality, Manual kinetic, Auto kinetic, EyeSnap function, Near Vision Test, Custom static test patterns, Custom kinetic test patterns, Remote Diagnostics and Software Loading, User-defined results storage location, Progression Analysis

DEVICE FEATURES

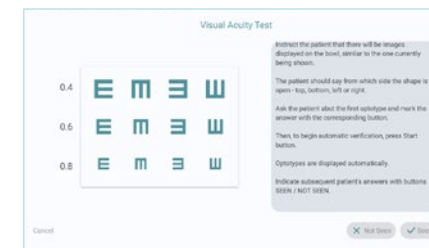
Display	17" HD capacitive touch screen
Keyboard/mouse support	Yes
Network	LAN and wireless
Chinrest	Automated – up, down, left, right movement
Speakers and microphone	Built-in

DIMENSIONS

Dimensions WDH	566 x 396 x 633 mm
Weight	24 kg



Progression Analysis with Field of View Index (FVI)



Visual acuity verification test

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