Variety meets convenience

Get to know the excellent features of the AP-4000:

+ Kinetic and static testing

+ Patient audio guide

+ 17" HD capacitive touch screen

+ Compact design

+ Advanced eye-tracking

+ Visual acuity verification

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	Touch-screen LCD 17" diagonal
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

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AP-4000

Automated Perimeter

You + eye.
We care.

"THE AP-4000 NOT ONLY
PROVIDES HIGH PATIENT
COMFORT, IT ALSO GUIDES
THE USER THROUGH THE
EXAMS VERY INTUITIVELY
WITHOUT INTENSIVE
TRAINING."

Tony Günther

AREA SALES MANAGER,
EASTERN EUROPE/EUROPE

AP-4000
Automated Perimeter

The AP-4000 is a versatile and fully equipped kinetic and static perimeter. It's optimised to provide excellent patient comfort, extensive testing options, and a user interface that navigates the operator through the test options effortlessly.
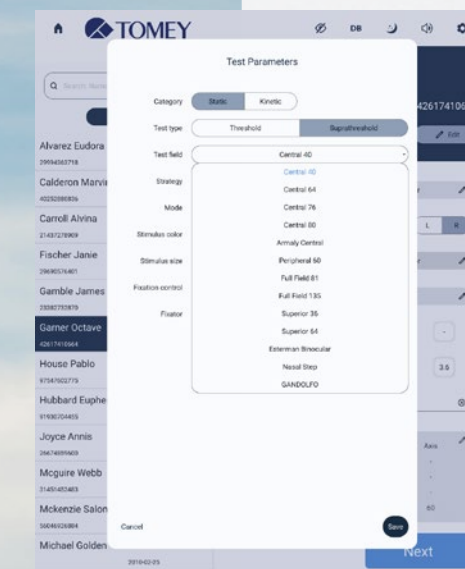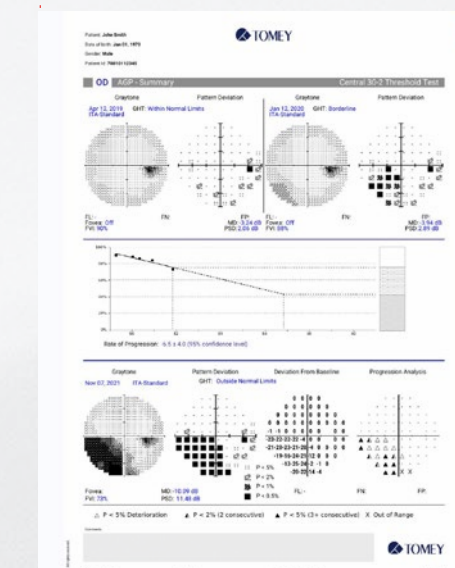
Clinical benefit
The AP-4000 is equipped with both kinetic testing and static testing that incorporate threshold and supra-threshold strategies for multiple scenarios where a visual field examination is needed.
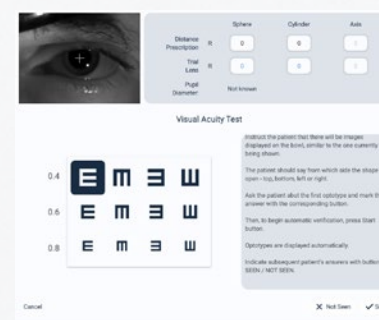
Reports
The AP-4000 provides comprehensive single reports as well as progression analyses to support clinical decision-making.
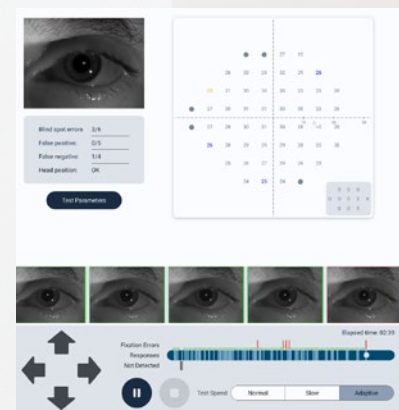
Patient comfort
Performing a visual field measurement can be exhausting. Smart strategies and advanced eye tracking reduce the examination time. Clever details like the bowl ventilation are welcome countermeasures.
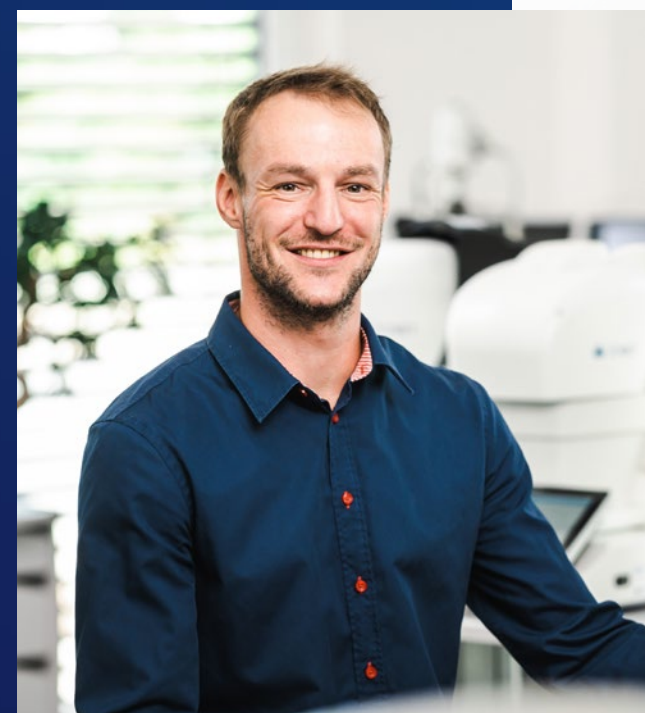
Workflow
The user interface is designed to manage and guide users through the various exams quickly and easily.

Features like the trial lens calculator, visual acuity verification by optotypes, and the patient audio guide are just a few examples.
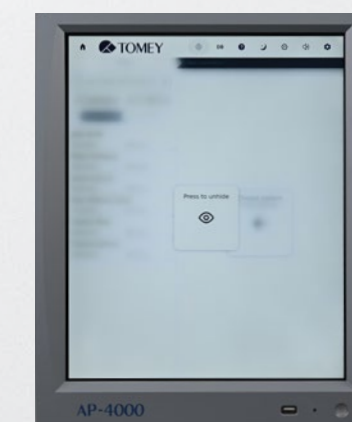
Practical details
The AP-4000 features a 17" HD capacitive touchscreen embedded in a PC with a custom OS on a small footprint. The built-in isolation transformer provides power to the external printer, making it very convenient to install anywhere that space matters.

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