

Daytona



INNOVATIVE TECHNOLOGY

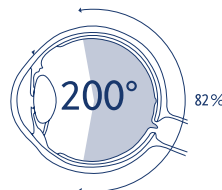
Only Optos ultra-widefield technology can capture a 200° view (or 82%) of the retina in a single, high resolution **optomap**® image in less than ½ second.

Daytona offers autofluorescence imaging with green laser light and 3-in-1 Color Depth Imaging™. Unlike white light, low powered laser wavelengths scan simultaneously allowing review of the retinal substructures in their individual laser separations:

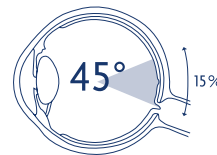
- Color.
- Sensory (red-free).
- Choroidal.

Images are displayed in a consistent geometry which accurately represents anatomical features across the retina. Automatic image registration enables pixel to pixel comparisons of images across modalities and from visit to visit.

Daytona



with **optomap** ultra-widefield retinal imaging



without **optomap**

FEATURES

- Non-mydratric, non-contact imaging through 2 mm pupils and many cataracts.
- High image resolution shows fine detail across the retina (optic disc, macula and periphery).
- Autofluorescence imaging with green laser light displays lipofuscin in the RPE.
- Eyesteering further extends the field of view past the vortex vessels, in some cases.
- Stereo disc imaging.
- 3D Wrap® for patient education.
- DICOM compatible.
- Innovative software tools enhance image evaluation.
- Images are available immediately and stored electronically for future comparison or for use in telehealth applications.

BENEFITS

- **Improves Practice Efficiency and Economics:** Studies show that **optomap** images are faster to capture and easier to review than traditional patient examination techniques^{1, 2}. **optomap** enables practitioners to differentiate their practice and an additional revenue stream can be generated.
- **Enhances Clinical Decision-making:** Early signs of many ocular pathologies and diseases may first present in the retinal periphery and can go undetected using conventional techniques and equipment. More than 400 published and ongoing clinical trials as well as thousands of case studies and testimonials show the long-term value of **optomap** imaging in diagnosis, treatment planning and patient engagement.
- **Helps Prevent Vision Loss through Technological Innovation:** **optomap** technology can image pathology past the vortex vessels, helping practitioners find disease sooner and manage it more effectively.

1. Nonmydratric Ultrawide Field Retinal imaging Compared with Dilated Standard 7-field 35mm photography and Retinal Specialist Examination for Evaluation of Diabetic Retinopathy. American Journal of Ophthalmology. 2012

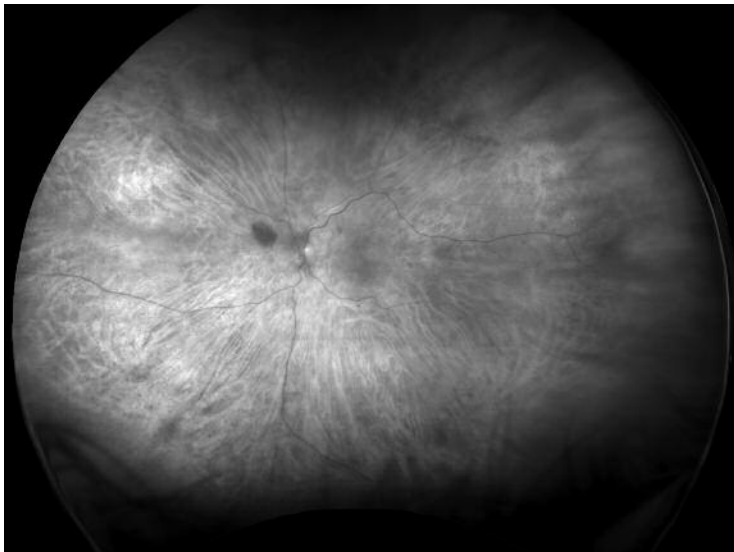
2. Real-Time Ultrawide Field image Evaluation of Retinopathy in Diabetes Telemedicine program. Diabetes Care. 2015.



optomap *color* - Nevus



Sensory Image (red-free) - Nevus



Choroidal Image - Nevus



optomap *af* - RPE Degeneration

“Implementation of **optomap** in our practice has truly improved disease management strategies and patient compliance.

It is invaluable in patient education. What we, as doctors, perceive becomes more than just words for the patient. Patients will be more emotionally impacted. For example, rather than telling a patient that lifestyle changes need to occur because of negative impacts on blood vessels, you can show them the bleeding in their retina so clearly, it resonates profoundly with them.”

Anthony Clark, OD
Triangle Visions - USA

TECHNICAL SPECIFICATIONS

| | |
|--|---|
| TRADE NAME | Daytona |
| MODEL NAME | P200T |
| MODEL NUMBER | A10600 |
| IMAGING MODALITIES | Color Sensory (red-free) Choroidal Autofluorescence <i>af</i> |
| RESOLUTION | optomap: 20 µm optomap <i>plus</i> : 14 µm |
| WAVELENGTHS | Red laser: 635 nm Green laser: 532 nm |
| EXPOSURE TIME | Less than 0.4 seconds |
| FOOTPRINT | Width: 440 mm/18 in Depth: 500 mm/20 in Height: 795 mm/32 in |
| WEIGHT | 28 kg/62 lbs |
| TABLE SPACE REQUIREMENTS (not including wheel position) | Width: 887 mm/35 in Depth: 600 mm/24 in |
| COLOR | Variety of colors |
| LASER CLASS | Laser safety class-1 following EN60825-1 and 21 CFR1040.10 and 1040.11 |
| SYSTEM VOLTAGE | US: 100-120V at 50/60Hz, 3A EU/AU: 200-240V at 50/60Hz, 1.5A |
| POWER CONSUMPTION | 300VA |
| COMMUNICATION PROTOCOL | DICOM Compatible |

Optos is a leading provider of innovative solutions for comprehensive retinal evaluation, enabling practitioners to more effectively detect and monitor ocular pathology and promote patient health.



NOTE: Specifications are subject to change without notice.



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