

AFC-210 Pro Photographer

PRICE	N/A
COMPANY	Nidek, Inc.
PHONE	800-223-9044
WEB	www.usa.nidek.com
KEY FEATURES	
<ul style="list-style-type: none"> • 35-mm frame in 45°-field of view • Additional small pupil diameter mode • Automatic blink detection • Sophisticated imaging functions including image processing, drawing, and panoramic imaging 	

The AFC-210 Pro Photographer (Nidek, Fremont, CA) offers the world's first autofocus, autoalignment nonmydriatic fundus camera, according to a company news release.

The fundus camera takes true 45° images without any cropping and high-resolution images of 12.8 megapixels. This camera delivers superior diagnostic detail, and it is simple enough to use that someone with limited experience can take professional-quality retina images after only a few minutes of guidance, according to the company.

Integrating the imaging system and the technologically advanced AFC-210 Pro Photographer, realizes digital fundus imaging of high resolution and fine gradation. Advanced autotracking technology allows easy and accurate capture of the anterior corneal center. Additionally, the autofocus system provides automatic switching from anterior to retina, without touching the joystick.



Connection to a PC allows for quick and easy image transfer. Data can also be saved in an outside electronic chart system.

Cirrus HD-OCT Platform

PRICE	N/A
COMPANY	Carl Zeiss Meditec, AG
PHONE	925-557-4100
WEB	www.meditec.zeiss.com/usa
KEY FEATURES	
<ul style="list-style-type: none"> • Three-dimensional retinal layer segmentation maps • Output displays relevant images and information on one screen • High-definition, high-resolution scans reveal anatomical detail for better visualization 	

The Cirrus HD-OCT platform couples with the Stratus OCT (both Carl Zeiss Meditec AG, Jena, Germany) to provide pathological details of the retina through high-definition, cross-sectional scans. The platform also provides three-dimensional layer segmentation maps and fundus images with a retinal thickness map overlay.

The spectral domain technology has faster scanning capabilities, capturing more data and revealing greater detail of retinal tissue and pathology, as well as high-precision measurements to facilitate structural evaluation and monitoring, according to a company news release.



The platform is designed to improve clinical workflow with a small footprint and easy patient viewing. A motorized chinrest and mouse-driven alignment facilitate superior image capture, with minimal operator training.

Ellex 30XL Laser Slit-Lamp

PRICE	N/A
COMPANY	Ellex
PHONE	800-824-7444
WEB	www.ellex.com
KEY FEATURES	
<ul style="list-style-type: none"> • Combines 10°-convergence angle of viewing path with high-resolution optics • Excellent depth perception with improved retina peripheral viewing • Used in conjunction with the Ellex Solitare solid-state green laser photocoagulator 	

Ellex recently received approval by the US Food and Drug Administration (FDA) for its 30XL laser slit-lamp. The 30XL was specifically designed to provide optimized retinal viewing. It can be used in conjunction with the Ellex Solitare photocoagulator, a full-featured solid-state green laser that is portable and versatile.

The 30XL combines a unique 10°-convergence angle of viewing paths with high-resolution optics to create better depth perception and improved stereo angle for superior peripheral retina treatments.

The 30XL laser slit-lamp adaptor also features TrueSpot optics that create a sharp, homogenous retinal burn.

“During our market research, physicians repeatedly mentioned how much they liked the design of the old Zeiss 30SL slit-lamp (Carl Zeiss Meditec, Jena, Germany), which is no longer available. We realized that there was a strong need for improved retinal, peripheral viewing and thus designed our 30XL slit-lamp to provide the same quality viewing experience that surgeons loved in the 30SL,” commented Peter Falzon, CEO of Ellex.



Novus Varia

PRICE	N/A
COMPANY	Lumenis, Inc.
PHONE	408-764-3000
WEB	www.lumenis.com
KEY FEATURES	
<ul style="list-style-type: none"> • FDA approved for treating a wide range of retinal diseases • Offers the versatility of green, yellow, and red laser wavelengths 	

The Novus Varia (Lumenis, Santa Clara, CA) contains three independent diode-pumped solid-state lasers in one integrated package, with instant switching between wavelengths via an intuitive touch screen interface or remote control.

With a wide choice of delivery devices, LaserLinks, and eye safety filters, in addition to its dual-fiber port, the Novus is able to rapidly switch between delivery devices, according to a company news release. Automatic detection of delivery devices triggers automatic adjustments of laser power settings for safety and control.

The Novus SureSpot optics provide sharply defined power distribution on the retina and low-power density at the cornea and lens, while the CaseSaver mode enables continued treatment even if one laser becomes disabled. ■

