

EC 100

COMPANY	Eye Photo Systems
PHONE	+1 503 488 5476
WEB	www.eyephotosystems.com
KEY FEATURES	
<ul style="list-style-type: none"> • First digital system for slit-lamp photography with direct computer and software control over all photographic functions and integrated live view • High-definition video recording at 60 frames per second • Integrated flash for consistent crisp images without worry about illumination 	

The EC 100 (Eye Photo Systems, Portland, Oregon) is a high-resolution digital system for slit-lamp photography with direct computer and software control over all photographic functions and integrated live view. According to company literature, the device captures crisp still pictures with the use of a flash and high-definition video at 60 frames per second. The aluminum body of the EC 100 optical assembly adapts a state-of-the-art digital single-lens reflex camera to fit an existing slit lamp without affecting the normal functioning of the oculars. The EC 100 has a movable beam-splitter and adjustable aperture that allow complete automation of the photo-taking process. With Eye Photo Systems' EasyCapture technology, the EC 100's intuitive user interface has configurable presets for capturing images of all eye regions. Captured images are stored as part of the patient's record and annotated with date of capture, camera settings, and the patient's age and sex.



TruFocals

COMPANY	TruFocals
PHONE	+1 818 785 7778
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WEB	www.trufocals.com
KEY FEATURES	
<ul style="list-style-type: none"> • Provides a full field of view for patients with presbyopia • Mimics the performance of the natural, youthful lens • Focus can be adjusted at any distance and under any lighting condition 	

TruFocals (Zoom Focus Eyewear LLC, Van Nuys, California) adjustable focus eyeglasses are biomimetic lenses designed to correct presbyopia. The eyeglasses provide a full field of view, focus on objects at all distances, and offer optical accuracy, bilateral tracking, and distance vision correction, according to company literature. Each lens is made of two lenses—a flexible lens near the eye and a conventional, firm lens. The flexible lens has a transparent distensible membrane attached to a clear, rigid surface. The space between the membrane and the clear rigid surface holds a small amount of clear optical fluid. As a slider on the bridge is moved, the fluid is pushed forward to alter the shape of the membrane, which alters the flexible lens and changes its focus, mimicking the performance of the natural lens. TruFocals allow the user to adjust the focus of his lens at any distance and under any lighting condition. ■

