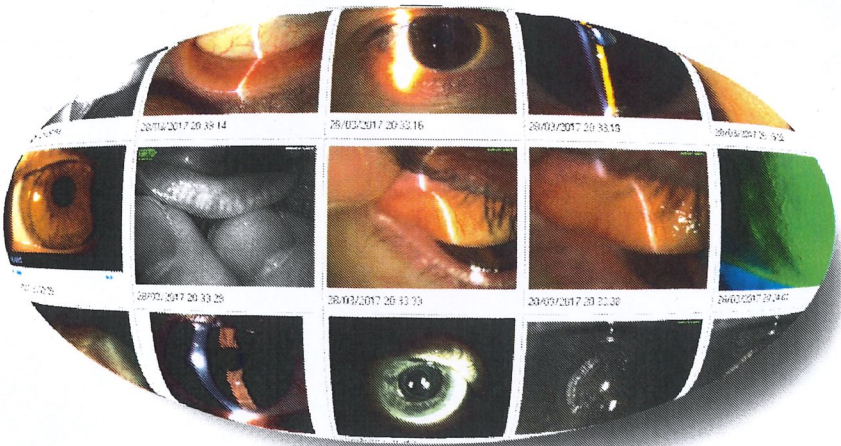
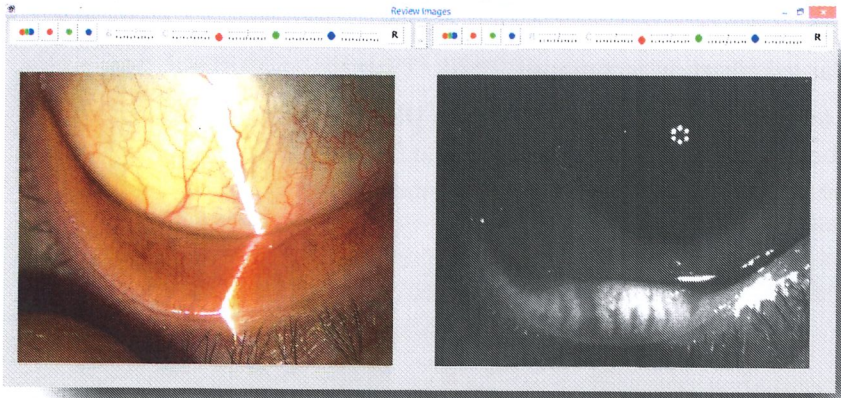


ARC

the bigger picture

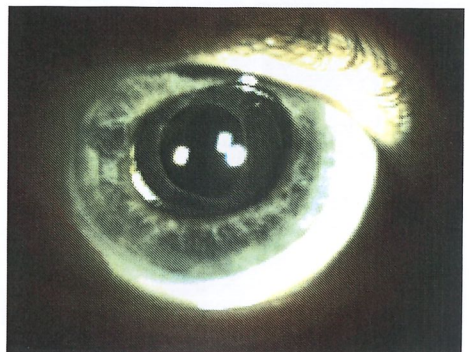
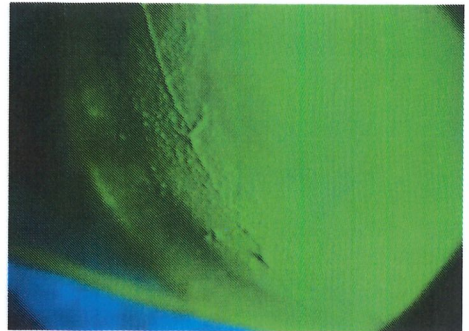
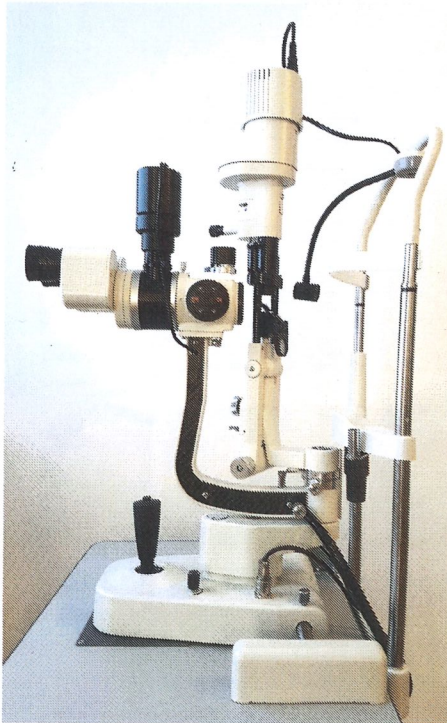


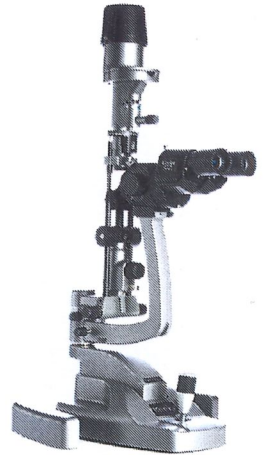
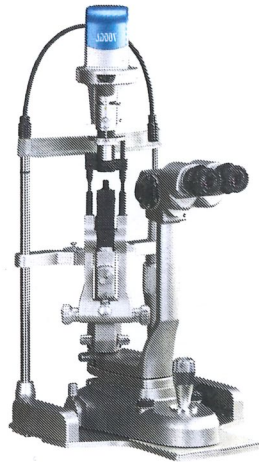
ARC Optical manufacture a range of imaging solutions suitable for many makes and models of slit lamp and fundus camera.

ARC Optical's latest product the **ARCCam UHDSL** is a **slit lamp digital adapter** utilising an ultra high definition (**UHD**), high dynamic range, large format USB3 image sensor. This delivers **UHD stills** and **UHD video clips** with exceptional image sharpness and colour reproduction whilst minimising patient discomfort.

It's combination of extended spectral range and extended depth of focus enables **ARCCam UHDSL** to produce superb quality images and video clips with minimal operator input by utilising preset camera parameters for routine ocular examination techniques.

The addition of the optional **ARCCam UHDMG** non contact meibographer, allows meibomian gland health and structure to be easily captured, accessed and documented.



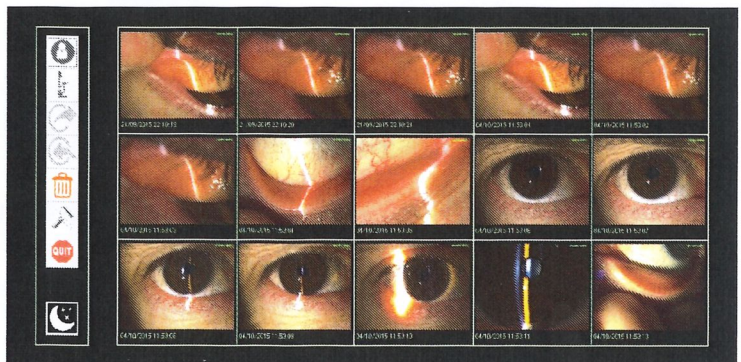
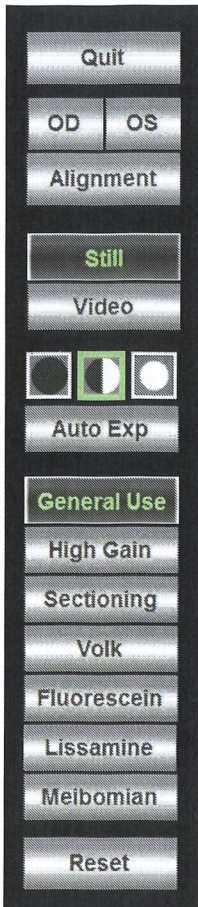


Compatible slit lamps include:

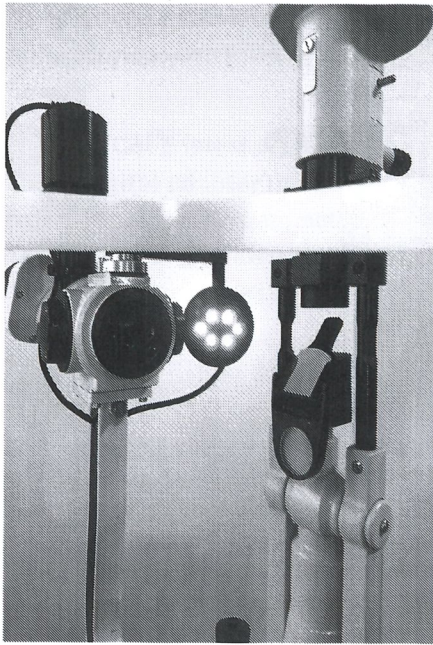
66 Vision; Bon Optic; CSO; Haag Streit; Huvitz; Inami; Keeler; Mediworks; Mitron; Rodenstock (current); Shin Nippon; Takagi; Topcon; Zeiss.

The popup camera dashboard provides optimised repeatable control of the camera's exposure, colour balance and gamma settings along with full control of the optional **ARCcam UHDMG** non contact meibographer.

Software driven UV, and visible light filters provide significant improvements in fluorescein and Lissamine Green imaging.



ARCcam UHDSL includes **ARCv5** image review/database software. This provides a patient image database, post acquisition image enhancement and will interface with all **ARC Optical** products and many fundus cameras.



ARCam UHD MG

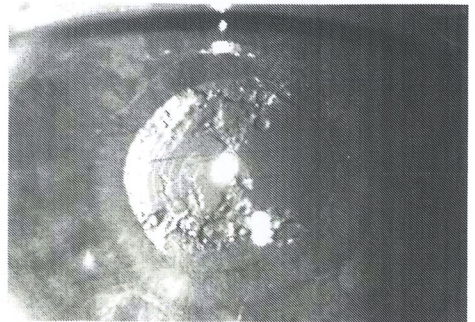
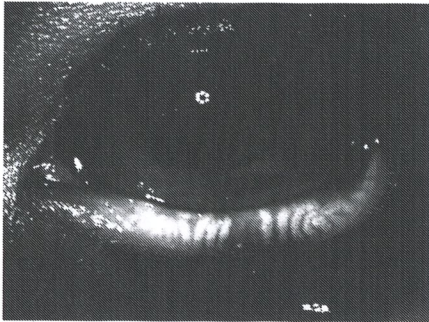
Non contact infra red meibographer

A quick, patient-friendly method for obtaining information on meibomian gland health. Not only does it facilitate assessment of the health and structure of meibomian glands, there are other applications where using non visible infra red light is advantageous.

Pseudo-phakic patients commonly complain of night time glare. With IR photography, capsular haze and eccentrically positioned implants can be identified without instilling mydriatic drops.

Similarly, poor night time vision after laser surgery or with multi focal or gas permeable contact lenses can often be accounted for by being able to detect scotopic and mesopic pupil size.

ARCam UHD MG attaches to all slit lamps with a R or T type tonometer mount and can deliver images to most image capture systems.



Manufacturer

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