

# CrysCamUV

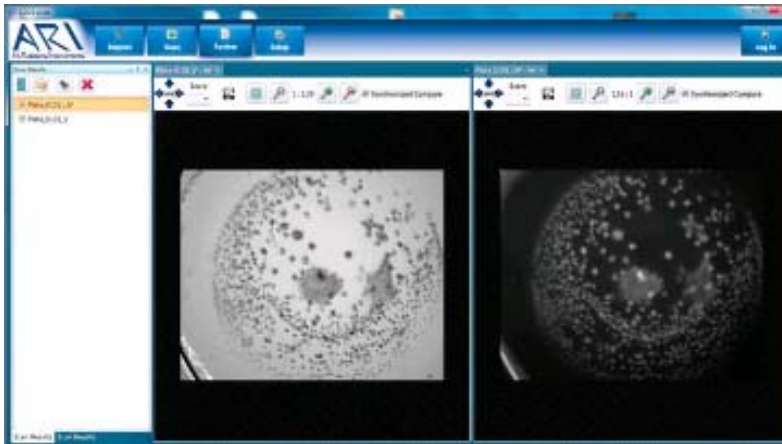
**Protein crystallization imaging system with UV and visible light,  
and options for working with fluorophores!**



## Features:

- Automatically scan the plate and capture visual and UV images and save for review at any time.
- Scan multiple wells in one run, possible to scan sub-wells.
- View both visual and UV image for any well side-by-side (see overleaf).
- Capture images with two different wavelengths in the UV-spectrum: 334 nm and 365 nm.
- **NEW: Customized filter options for working with fluorophores available e. g. Texas Red or GFP**  
→ Please contact us for more information!
- The CrysCam UV™ can be used to capture crystal images in nano size drops.
- Ability to capture multiple slices and create a highly detailed image of the complete drop (see overleaf).
- Powered focus and zoom through the software control.
- Score and compare wells of interest.
- Software offers integrated database for analysis and score.
- Parfocal lens remains focused when zooming.
- Camera with a resolution of 2750 x 2205 (6.0 MPix) and sensor size of 2.54 cm.
- Digital image of 2.37 microns/pixel with a minimum zoom to 0.7 microns/pixel.
- Can flag wells of interest.
- Can view individual wells and sub-wells with or without a polarizer.
- Compatible with all plates in SBS-sized format and Linbro plates.
- Determine crystal X-Y-Z position for use with in-situ crystal diffraction.
- Filter removes UV reflections from plates.
- Integrated cooling function can set temperature down to -10 °C.
- Enclosure covers lens and plates to block stray light.
- **NEW: Available with plate hotel options for storing 42, 210 or 504 plates.**  
→ Please ask for our separate flyer and contact us for more information.

## Comparison of visible and UV-light:

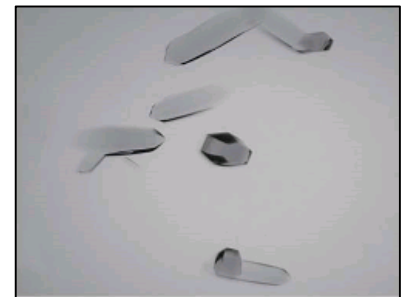


LCP Slide: 50 nl + 800 nl drop size

- The CCUV software makes it quick and easy to compare UV and visible images or sets of images taken on different days.
- The magnification and position of the well in each viewing window can be synchronized for easy comparison.
- Multi-seat software licenses allow all users to view images from any computer.

## Deep field slicing:

Deep field slicing captures multiple images at different levels of the drop and merges them into a single sharp image of an entire drop.



## Specifications:

**Size:** (w x h x d): 60.96 cm x 53 cm x 35.56 cm, 18 kg

<b>Camera:</b>	Resolution:	2750 x 2205 (6.0 MPix)
	Digital image:	2.37 microns/pixel
	Minimum zoom:	0.70 microns/pixel
	Optical magnification range:	3.5x to 20x
	Field of view:	800 microns to 4.5 mm



## Accessories included:

- Desktop computer with mouse and mouse pad
- Multi-seat software license
- Calibration plate
- Adapter for Linbro plates

## Ordering information:

**Cat. No.:** 610-9000-10 → CryoCam UV™ with desktop computer

**Cat. No.:** 610-9101-01 → Filter set for Texas Red Option on CryoCam UV™

**Cat. No.:** 610-9101-02 → Filter set for GFP Option on CryoCam UV™