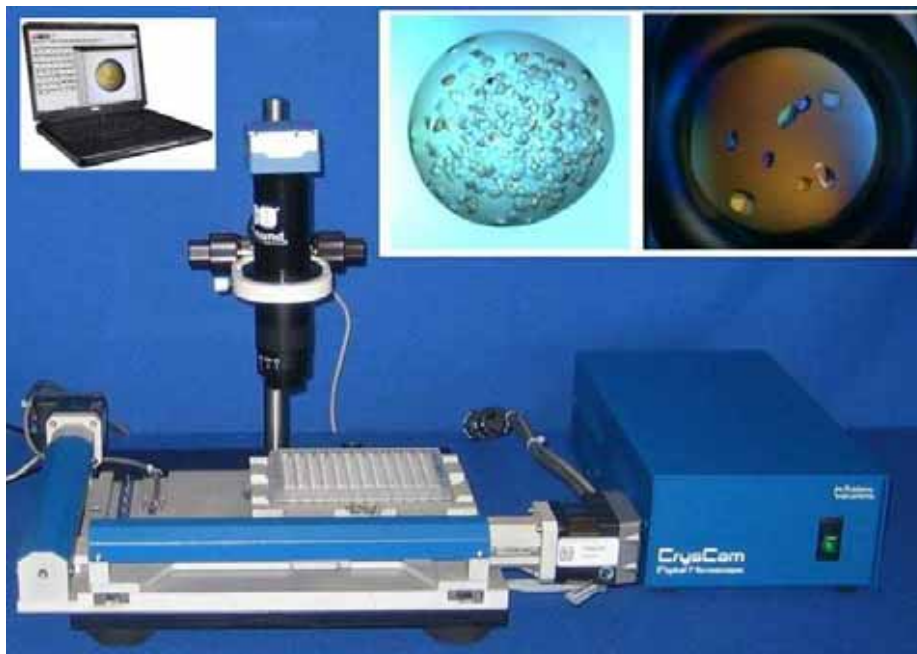


## CrysCam™ Digital Microscope

for Protein Crystal and Microplate Observation and Documentation



The CrysCam Digital Microscope allows you to capture the images of an entire plate with a click of the mouse. The stage and easy-to-use software automatically capture the image of each well and then move to the next. Its small size fits into a small space. It can also be set up in cold room.

The CrysCam can also be used to see crystals during harvesting, instead of looking through a microscope.

The high resolution (down to 0,00013" / 0,0033 mm) and precise X-Y stage easily mounts to the CrysCam base. The stage can be purchased with the CrysCam or easily added on later. Automatically capture and store images to disk in less than three minutes. Capture an entire plate or a single well.



### Optional: "CrysCam" Hood

- Exterior dimensions (W x D x H): 500 x 500 x 500 mm
- Material: Acrylic glass, clear, 5mm thick
- 45° glued
- Without base
- Opening for cable 50 x 50 mm
- Front with opening 500 x 300 mm

**CrysCam features:**

- Competitive price and superior performance.
- Compatible with 96-well, 24-well and Terasaki plates.
- Small footprint; light weight.
- Can be used in a cold room.
- Quality par focal zoom lens with iris.
- 6x zoom with 3,87 mm x 5,16 mm - 0,6 mm x 0,8 mm field of view.
- Integrated cross polarization.
- High resolution USB cameras.
- 3 Mpix CMOS camera, 1/3 inch sensor.
- Smooth large base platform with integrated LED lighting.
- Modular and upgradeable components.
- Image acquisition and processing software.
- Reads a 96-well plate in less than three minutes.
- Easy-to-use Windows software.
- Accurate and precise closed-loop control system.
- Predefined plate library makes choosing the right well location quick and easy.
- Stage resolution down to 0,00013 inch (0,0033 mm).

**CrysCam specifications:**

- CrysCam Stage: (w x h x d) 17,5 x 13 x 13,5 " (44,5 x 33 x 34,3 cm)  
23,5 lbs (11,6 kg)  
100 - 240 Vac, 50/60 Hz, 0,25 A
- Power Supply: (w x h x d) 6,5 x 3,5 x 11,5 " (16,5 x 8,9 x 29,2 cm)  
4,2 lbs (1,9 kg)  
100 - 240 Vac, 50/60 Hz, 3 A
- Camera: USB 2.0  
Resolution: 3 mega pixel  
Sensor: CMOS 1/3"
- Optics: Zoom lens with iris  
6,5 zoom ratio  
Magnification: 0,93x - 5,99 x
- Software: Windows dotNet

**Minimum requirements for suitable PC (can be delivered optional with system)**

English Windows XP with dotNET1,1  
2 GB RAM  
3 USB ports and mouse  
Monitor resolution: 1440 x 900  
CPU 3 Ghz - Intel Pentium 4  
320 GB Hard disk drive  
Keyboard US/International

<b>Part Number</b>	<b>Description</b>
610-1000-10	CrysCam Digital Microscope System incl. X-Y Stage, 3 MP camera, 6,5 zoom ratio lens, Crys Score image capture and scoring software (without computer).
610-1000-11	Dto., with laptop
610-1001-01	Plate Adapter for CrysCam – Linbro Plate
610-1001-03	Plate Adapter for CrysCam – Terasaki Plate
25-1000-50	Hood for Digital Microscop System "CrysCam"