



CRYSTAL HARVESTER

Robotic Sample Mounting Station

Automate your crystal harvesting! Now you can outfit your lab with a sample mounting robot and simplify the often tedious task of mounting samples. Just place your sample plate under the microscope, select the crystal of interest, then point and click. The robot does the mounting of the sample quickly and automatically.

The CRYSTAL HARVESTER is ideal for laboratories with student or novice users. The large display and intuitive controls enable teaching and handling of crystal mounting techniques.

Micron-resolution facilitates mounting of even the smallest crystal quickly and easily. Remote control is extremely useful for the mounting of air sensitive samples inside a glove box.

Rotational optics allow you to produce interactive, 3-D movies of the crystal. Your crystal will be imaged over a range of 60 degrees without moving the sample. You can easily search for defects in your crystal, or create stunning presentations and visual teaching aids.



Technical specifications

Imaging:	
Magnification	50-400X
Field of View	6.1 - .78 mm
Working Distance	55 mm
Depth of Field	2.7 - 0.08 mm
Zoom	Automated/Manual
Focus	Automated/Manual
Lighting	Metal Halide
Automated Stage:	
Resolution	1 micron
Plate formats supported (for scanning purposes)	Limbro, all 96 well SBS formats
Micromanipulators (3 axis)	2
Mounts/loops/tools	Accepts all style mounts and loops, measurement tools, cutters, knives, saws, pins, sieves, chisels, etc
Motion Control	High performance, DC brushless Servos
Software:	
Allows viewing, harvesting, analysis, scoring, and storage of images and video.	
Computer Specifications:	
Core 2 Duo or greater 4 GB RAM 500 GB HD Monitor 1600 x 1200 UXGA	

All configurations and specifications are subject to change without notice. Order No. DOC-S86-EXS041. © 2008 Bruker AXS. Printed in the United States.

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