Rock Imager 54\_182 Key Features

http://www.formulatrix.com/demosite/protein-crystallization/products/rock-imager54-182/index.html#tabbed-nav=tab2

**A Proven and Trusted Imager**

The Rock Imager product line is the most trusted imager in protein crystallization and is used by all 10 of the top 10 pharma companies and many renowned academic centers.

**Highest Image Quality**

Superior optics and intelligent imaging provide industry-leading image quality.

**A Versatile Workhorse for Any Lab**

Rock Imager 54/182 is compatible with SBS and Microbatch plates. Options for Linbro and Qiagen EasyXtal plate compatibility are available.

**Seamless Integration to the Crystallography Workflow**

Designed to fit your work-flow, Rock Imager integrates with [Rock Maker](http://www.formulatrix.com/demosite/protein-crystallization/products/rock-maker/index.html) or your current crystallization software.

**Precision Mmechanics for Extremely Low Vibration**

Innovative structural design, advanced vibration damping materials, and special motor tuning work together to ensure extremely low vibration disturbance to the protein drop. All robotic microplate handling has been verified to cause fewer vibrations than a person carefully handling a plate.

**Lipidic Cubic Phase (LCP) Compatible**

Rock Imager 54/182 supports imaging LCP (or membrane crystallization) experiments including drop location, high efficiency cross-polarized imaging, thin glass plates, and SBS plates sizes.

**Regulated, Temperature Controlled Environment**

Rock Imager 54/182 precisely monitors and regulates the temperature within the system. A network of sensors measures and records temperatures with a resolution of 0.1°C. An air recirculation system maintains even temperature distribution.

**Intelligent Sensors Solve Problems Before They Arise**

Rock Imager 54/182 has an array of sensors to provide fool-proof operations. For example, there are crash sensors on the robotic hand, and plate sensors to determine if a plate is present at a particular location. If the sensors are triggered by an abnormal situation, the imager stops the motion before any damage is done.