Rock Imager 1000 Key Features

<http://www.formulatrix.com/demosite/protein-crystallization/products/rock-imager-1000/index.html#tabbed-nav=tab2>

**A Trusted and Proven Imager**

The Rock Imager product line is the most trusted imager in protein crystallization and is used by all 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 Option for Any Lab**

All Rock Imagers are 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 Mechanics 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 1000 can support LCP (or membrane crystallization) imaging with standard microplate heights. The Rock Imager 1000 can also support up to 1500 thin-based LCP plates by using an optional storage rack modification.

**Regulated Temperature Controlled Environment**

A Peltier heat exchanger can regulate temperature from 5°C below ambient to 6°C above ambient with 0.5°C precision standard. A redundant compressor cooling system regulates temperature from 4°C to 19°C with ambient temperature from 16°C to 30°C.

**Intelligent Sensors Solve Problems Before They Arise**

Rock Imager 1000 has an array of sensors to provide fool-proof operation. 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 can stop the motion before any damage is done.