

Specifications:

Imaging Area:	635mm (X) x 534mm (Y) x 254mm (Z).
Imaging Resolution:	Resolvable detail as high as 1 micron.
Imaging Stage Dimensions:	825mm x 750mm (6.5mm Safety Glass).
Positioning Accuracy:	16 micron (X, Y); 3 micron Z.
Positioning Speed:	76 mm/sec (X, Y); 12 mm/sec (Z) axis.
Bearings, Rails, Lead System:	High performance precision IGUS Drylin anodized aluminum rails, bearings, lead screws and nuts (no lubrication needed).
Dimensions:	97cm width x 83cm length x 91.5cm high. (Folds to 23cm high for shipping)
Weight of System:	27.5 Kg.
Shipping Dimensions (crated) Inside:	107cm W x 94cm L x 36cm H.
Shipping Dimensions (crated) Outside:	110cm W x 97 cm L x 39cm H. (2.46m LWH).
Shipping Weight:	46 Kg.
Control Enclosure Dimensions:	25cm W x 22cm H x 42cm L. 5.5Kg.
Power requirements:	650 W; 110V or 220V compatible. (Additional power needed for imaging computer.)

Options:

CAMERA OPTIONS: Canon 5D MarkII, 24MP (Add \$1500). Canon 5D MarkIII, 24MP (Add \$2600).

LENS OPTIONS: Choice of one of the following: (For both, add \$1250).
Canon MPE-65mm Macro lens with GIGAmacro telecentric lens adapter.
Sigma 105 Macro with GIGAmacro telecentric lens adapter.

LIGHTING OPTIONS: Backlighting Feature (Add \$3200). Polarization Filter Set (Add \$945)

IMAGING STAGE: Aluminum imaging stage, etched, anodized, key inserts: 18-8SS key-kocking inserts 8-32 Interior Thread, 5/16" - 18. Replaces standard glass. (Add \$3325)

COMPUTER OPTIONS: MacBook Pro with Retina Display (Add \$1500).

Additional Post-Processing Computer (Add \$2800 for PC, \$3000 for Mac).

STORAGE OPTIONS: 3TB Backup Drive (Add \$250). Additional 3TB Storage Drive (Add \$250);
6TB Storage RAID5 System for Increased Performance, Storage and Redundancy (Add \$2500).

CAMERA (& RELATED SOFTWARE) UPGRADES FOR MULTI-SPECTRAL IMAGING OPTIONS:

Infrared Camera and Lighting (modified camera for IR and flash filter) (Add \$4850).

Ultraviolet Camera and Lighting (modified camera for UV and flash filter) (Add \$4850).

Custom Imaging Templates (software/ physical templates) museum drawer imaging template. Please ask for quote.



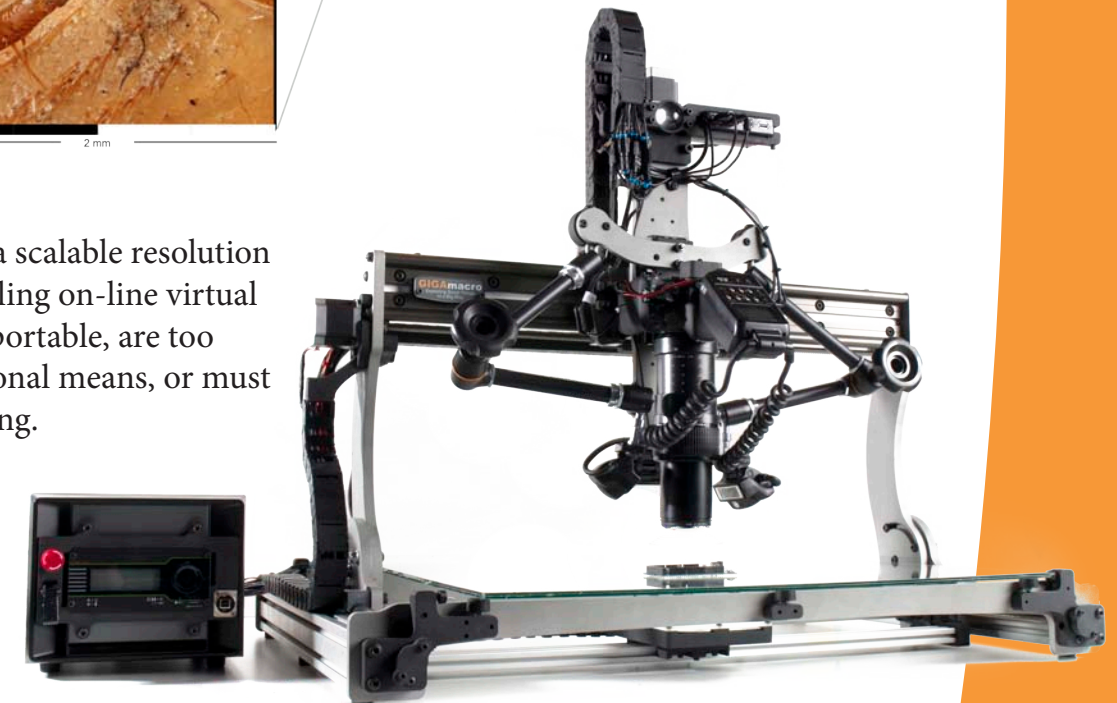
GIGAmacro™

Exploring Small Things in a Big Way™



17 year cicada
7.8 gigapixel image
(7.8 billion pixels)
26,315 dpi

The GIGAmacro Magnify² is a scalable resolution robotic imaging system. Enabling on-line virtual access to objects that are not portable, are too small to examine by conventional means, or must not be damaged during imaging.

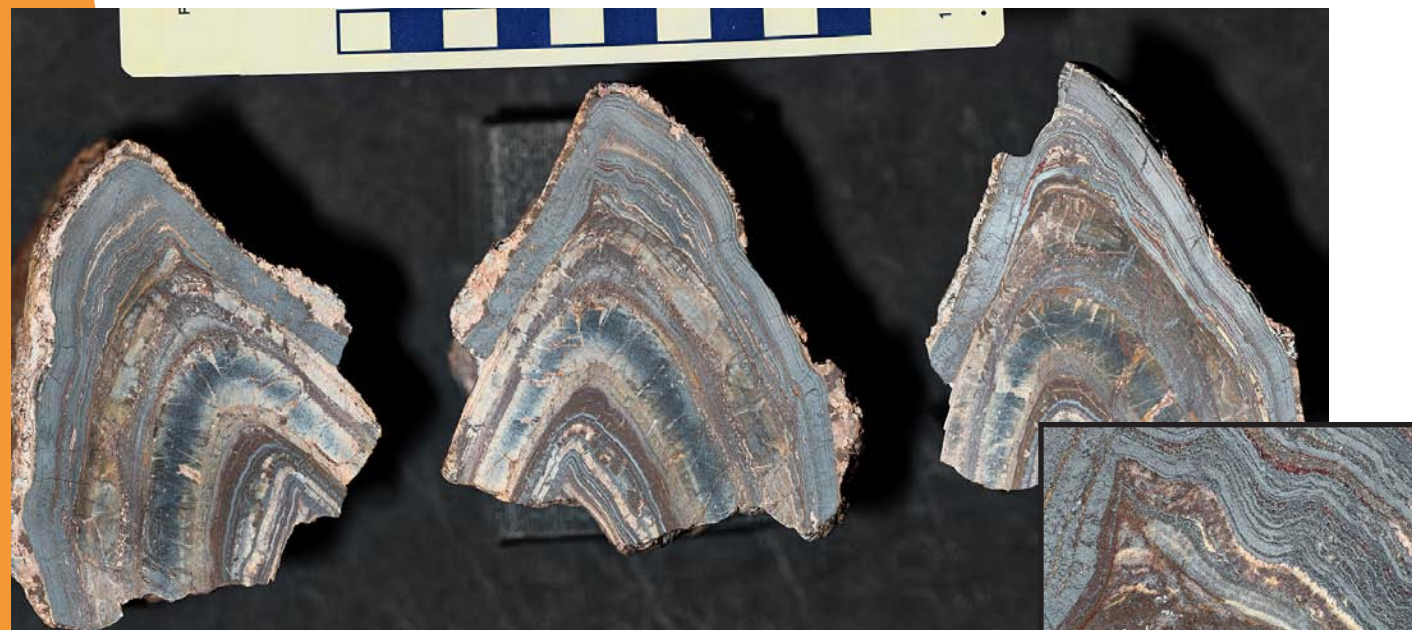


GIGAmacro™
Exploring Small Things in a Big Way™

455 Technology Way, Napa,
CA 94558, USA
www.gigamacro.com
+1 707 319 9421

magnify²

GIGAmacro is a wholly-owned subsidiary of Four Chambers Studio, LLC



Large Scale Geological Image (original 58084 pixels x 28112 pixels) With Full Resolution Inset.

Magnify² System

Complete, high performance, precision robotic 3-axis linear motion control, image capture, post-processing, and online viewing & annotation system.
 Lightweight anodized aluminum construction throughout.
 Self-contained control panel and enclosure with integrated camera power and control systems.

Turn-key solution ready to go out of the box!

Software:

All software installed and configured for 'ready to run' operation.
 GIGAmacro Magnify² Motion Control System & Automated Capture Software.
 Zerene Stacker and Autopano Giga software included.
 GIGAmacro Viewer for mobile / desktop devices (with annotation, comparison, sharing and measurement tools).

Imaging Hardware: Canon T3i, 18MP. Canon MPE-65mm Macro lens with telecentric lens adapter. (Substitute Sigma 105 Macro and telecentric lens adapter at no cost).
 Canon Macro Twin Lite Flash with external power. Positioning with dual Manfrotto Magic Arms.
 Custom GIGAmacro Evenlight Diffuser.

Imaging Computer:

Configured with Windows 7/8 Professional, 8 GB RAM, 500 GB system disc, with 22" Monitor and additional 3TB storage disc.

All prices in US\$, S&H at cost from Napa, CA.

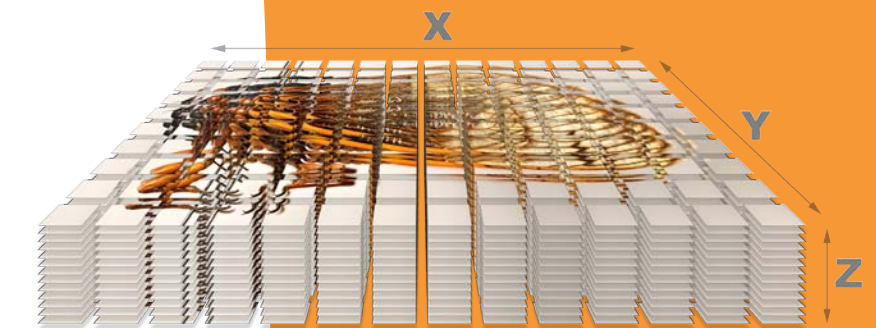
\$48,000.

Features & Benefits:

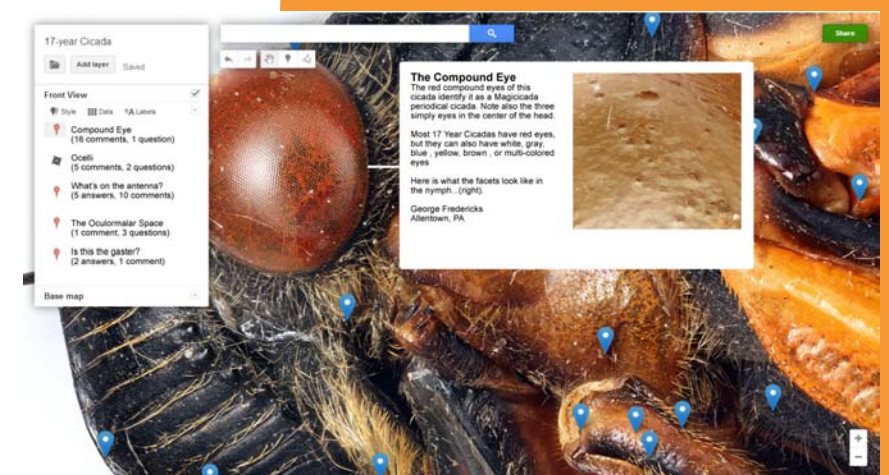
- The system provides unprecedented quality and resolution, enabling viewers to see normally invisible details.
- View and share your specimens and collections online with powerful annotation, comparison and analysis tools.
- Complete solution including robotic automation, image capture, post-processing, and online tools.
- After setup, runs unattended, freeing staff for other tasks.
- Reduces time and saves money through automation and use of off-the-shelf imaging equipment.
- Specimens are not affected in any way by being imaged, preserving the integrity of the original item.
- Turn-key solution ready to go out of the box - with training and support to match your needs.
- Designed to fit on a standard trolley and will roll through a standard sized door.
- 6 months parts and labor warranty and 1 year technical support mean peace of mind (Third party items included in system carry their standard vendor warranty).



Extreme Sharp Focus (depth of field) Throughout the Image. Microscopic Levels of Detail in all Images.



Robotically Capture Thousands of Photos to Create Very High Resolution, Sharp Images.



Online Collaborative Analysis, Annotation and Sharing of Images & Collections.