

## Intended Use

The Camera System Model 101 contains a low-profile camera for close-range visualization that has been tested for use during stereotactic surgeries as well as training procedures. Two options to hold the camera are included: a Free-Standing Flexible Stand and a Stereotactic Mount.

The Camera System Model 101 is for GENERAL LABORATORY USE AND/OR PRECLINICAL RESEARCH ONLY.

## Camera Specifications

- + 7.2 mm tube diameter, 158 mm length without cable
- + 2.0 M Pixel lens
- + 1600 x 1200 pixel resolution
- + Focal distance from 5 mm to infinity
- + 1x - 300x magnification
- + Uses 6 white LEDs with adjustable brightness
- + USB 2.0 interface with PC
- + Compatible with Windows 7/Vista/XP, MAC OS x 10.8 or later

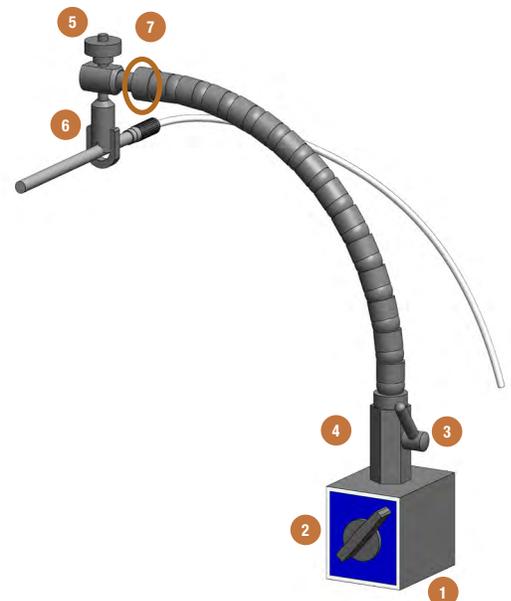
## Cleaning Instructions

All components may be wiped down with isopropyl alcohol or quaternary ammonia wipes. DO NOT SOAK OR SUBMERGE. DO NOT SUBJECT TO AUTOCLAVE STERILIZATION.

## Setup Instructions: Flexible Stand, Stereotactic Mount, and Camera

### Free-Standing Flexible Stand

1. Place the base (1) of the Flexible Stand on a heavy, magnetic piece of metal and move the switch (2) to the ON position. Confirm that the lever (3) is turned counter-clockwise so that tension is removed from the arm.
2. Ensure that the hexagon section (4) of the arm is fully threaded into the base and does not spin.
3. Loosen the Camera Fixation Knob (5) until there is an opening large enough to fit the camera diameter. **Note: it may be necessary to pull up on the V-Notch Cylinder (6) in order to create an opening.**
4. Slide the camera through, swivel the camera about the Camera Fixation Knob axis to the desired position, and tighten the knob.
5. Adjust the position of the arm until the desired camera view is achieved, then stiffen the arm by twisting the Threaded Adjustment Ring (7) so that the threads are revealed. Lock the arm in place by turning the lever clockwise. **Note: The lever can be used to make quick adjustments.**



## Stereotactic Mount

1. To mount the camera on a stereotactic bar, loosen the thumbscrew (1) and slide the Stereotactic Mount onto the bar. Tighten in desired position.
2. To change the angle of the camera, loosen the thumbscrew (2) and rotate the camera into desired position. Tighten to lock. Minor changes may be made without loosening the thumbscrew.
3. To change the camera orientation, slide the camera forward, backward, or twist.

## Camera

1. To focus the camera, turn the ribbed knob on the back of the camera clockwise or counterclockwise.
2. To adjust the front facing LED lights, use the dial on the USB cable.



Thumbscrews

## Software

The camera may be operated with a third-party video software. You may use a preferred video recording software that is already downloaded to your computer, or you may download the recommended software to your computer.

### Recommended Video Recording System

- + Plugable Digital Viewer  
<http://plugable.com/pages/microscope-drivers>
- + Bandicam  
<http://www.bandicam.com/downloads/>

The camera may need to be changed to “Supereyes” within the settings of the third party video recording software if other integrated webcams are present.

### Operator Assistance Information

If you have questions regarding our product, please contact:

Actuated Medical, Inc. Customer Service Department

Phone +1 (814) 355-0003 ext. 117

Fax +1 (814) 355-1532

Monday through Friday

8:00 am - 5:00 pm U.S.A. Eastern Standard Time



Innovative motion + Positive outcomes



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