

PAN-A-SEE-YA MAKES IMAGING AS EASY AS ONE-TWO-THREE

ONE IMAGE

TWO COLORS

GFP excitation
wavelength 470/40nm

Image collected with
Pan-A-See-Ya Imaging
System with Dual Tool

TWO COLORS

RFP excitation
wavelength 520/20nm

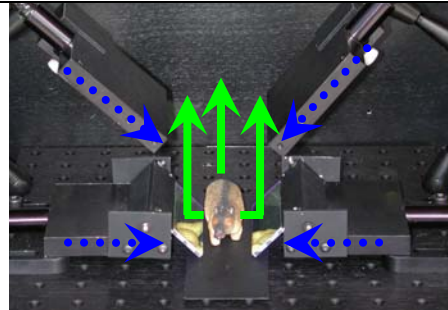
NOTE: Tumor in right
view can not be seen
from top view only.

THREE VIEWS

The Pan-A-See-Ya Panorama imaging system employs a unique proprietary design that allows the researcher to image over 270 degrees of the animal in **One Image**. Targets like a fluorescent tumor can be viewed from three different angles at the same time with a single camera producing **Three Views**, left, top and right. Targets that cannot be viewed directly in the top view can still be seen from the left or right views. An example of this is the tumor noted with the + can only be seen in the right view. An additional major benefit of this design is that the excitation lighting is comparable over the radius of the animal, allowing targets that would be in shadow from above lighting to be brightly illuminated and clearly imaged. The Dual Tool **Two Color** controllable excitation system, another Lighttools exclusive and is the only system that allow for the independent control of two excitation wavelengths while maintaining even illumination on the subject. Allowing the researcher to balance the image preventing washout associated with different expression levels.

Excitation Light Path
Emission Light Path →

The excitation light surrounds the animal two top, one right and one left. The emission light from the top goes direct; the left and right views are reflected to the camera above. Result three views.



LT-9PANSEE* : Pan-A-See-Ya Panoramic Imaging System

LT-9PANSEE-DUAL: 120 volts AC\$12,490.00
 LT-9PANSEE-DUAL-220: 220 volts AC\$12,690.00
 Includes Dual Tool* Two Color controllable excitation system
 *Patent and pending world wide

Lighttools has a number of filter sets for the Pan-A-See-Ya Imaging System additional information can be found at the Lighttools Web site www.lighttools.com.



LIGHTTOOLS RESEARCH

684 Poinsettia Park So.
 Encinitas, CA 92024 USA
 Phone: 760/632-0677
 Fax: 760/632-0778
 EMAIL: ltr@lighttools.com
 Web: www.lighttools.com

PAN-A-SEE-YA GENERATES MORE DATA from EACH IMAGE