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## Press Release

For Immediate Release

# Small Animal Anesthesia System

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New fully-integrated turnkey Anesthesia System immobilizes small animals when taking pictures with the iBox Imaging System. The easy to use Anesthesia System is compact, portable and safe for animals. Janelle Batman, Product Manager, said “The anesthesia system is an ideal solution for researchers imaging small animals. The configuration is easy to set up and small animals are temporarily immobilized and ready for imaging in less than five minutes.”

The Anesthesia System combines several components to regulate and administer a combination of oxygen and isoflurane gas to the animal. The initial anesthesia is performed in the induction chamber. The animal is then moved to the warming plate inside the iBox darkroom. The plate generates uniform temperature conditions which maintain a safe body temperature of the animal during the imaging process. A breathing device on the plate connects to patented valves. These valves control the gas flow through the nose cone to protect the animal and technician from overexposure to gas. The breather incorporates multiple ports to accommodate up to three mice.

The iBox system facilitates the quick image capture of the animal. While imaging is performed, it is important that there is no movement of the subject. The Anesthesia System used with the iBox allows the animal to use less anesthesia thus reducing stress and potential side-effects from longer imaging times. The anesthesia also allows quick recovery time of the animal.

The simple design is easy to set up with the iBox System and ensures a straightforward process for controlling small animal anesthesia.

The patented Anesthesia System has passed rigorous testing by the National Institute of



Environmental Health Sciences (NIEHS) and creates a safe environment for laboratory staff.

For information on the Anesthesia System, contact UVP in the US at (800) 452-6788 or (909) 946-3197; in the UK at +44(0)1223-420022. Or go to **uvp.com** for information.

### **About UVP LLC**

UVP is a global leader in life science imaging, supplying imaging systems for academic, biopharmaceutical and biotechnology applications. With core expertise as the leading developer and manufacturer of ultraviolet products since 1932, UVP continues to provide innovative products and specializes in fluorescence and luminescence-based imaging applications for life sciences. The organization provides comprehensive service and support to customers and dealers worldwide. UVP's headquarters and manufacturing operations are located in Upland, California. European operations, Ultra-Violet Products Ltd., is located in Cambridge, UK. For information, go to [www.uvp.com](http://www.uvp.com).