

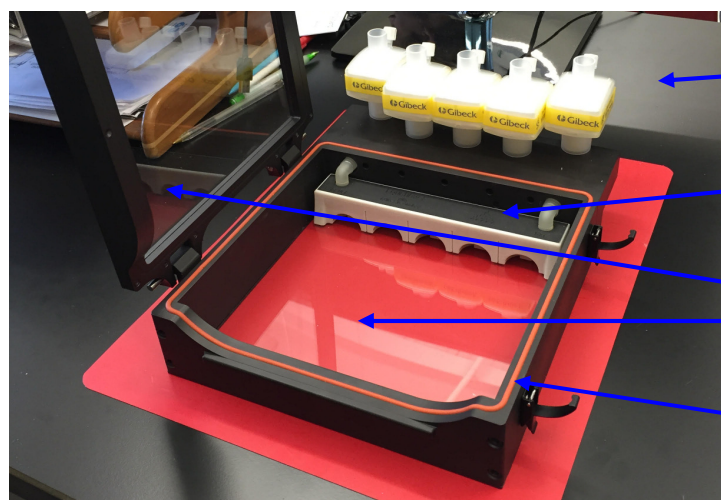
Small Animal Imaging Chambers

Optical Preclinical Imaging



TetraFlow™ Imaging Chambers from In Vivo Concepts are air tight, optically pure (top and bottom) boxes for housing up to 10 small mice for optical in-vivo imaging applications. They are designed and plumbed to house IVC's **EquaFlow™ Anesthesia Manifolds** for controlling isoflurane delivery to animals and waste gas collection. These milled aluminum chambers also provide a simple platform to prep and transport animals outside of the imaging system and a safe medium for handling immuno-deficient and diseased animals. The advantages of **TetraFlow™ Imaging Chambers** are tangible features developed by our staff of Imaging Specialists from many years of small animal imaging experience:

- **Air-Tight Design to contain 100% of Anesthesia Supply, Waste Gas and Pathogens**
- **Outfitted with Discharge HEPA Filters for Further Pathogen Containment**
- **Large and Ergonomic Enclosure for Easy Animal Handling and Transport**
- **Engineered and Plumbed to House all EquaFlow Anesthesia Manifolds**



HEPA Filters

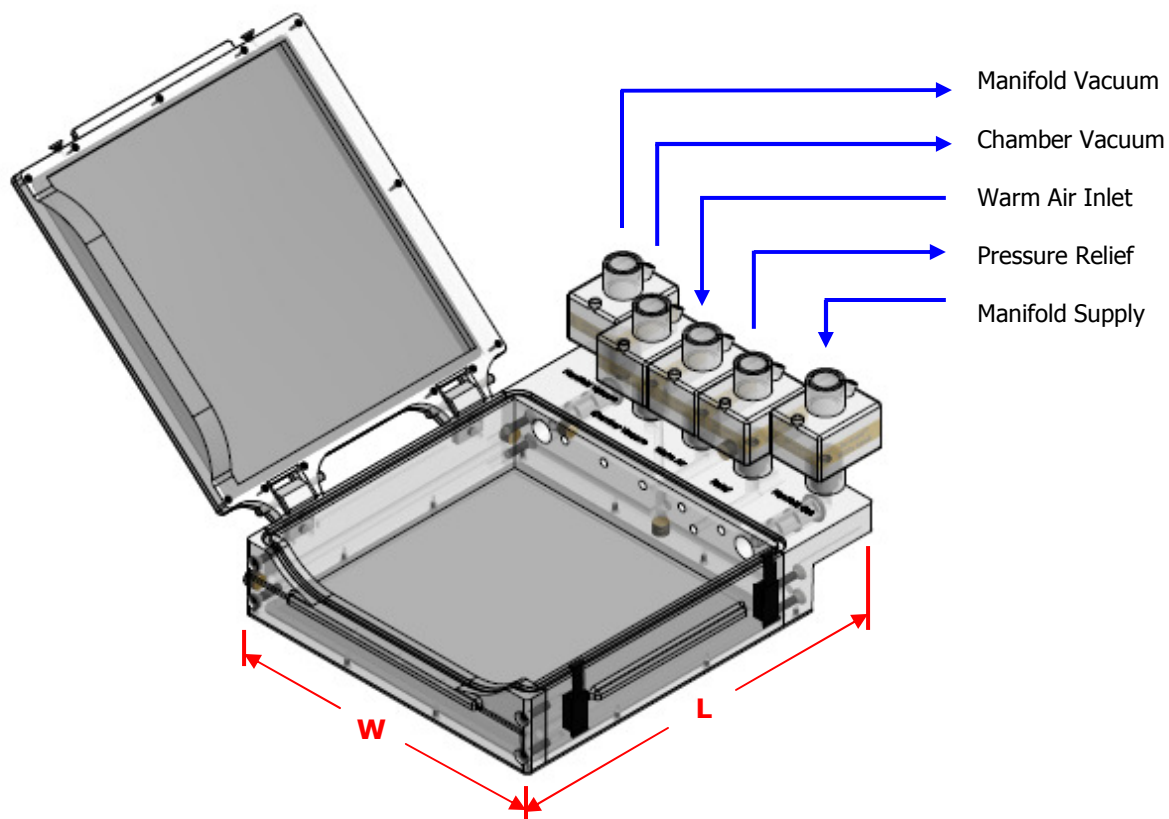
EquaFlow Anesthesia Manifold

**Clarex Optically Clear Plastic
(Top & Bottom)**

Air-Tight Lid Seal

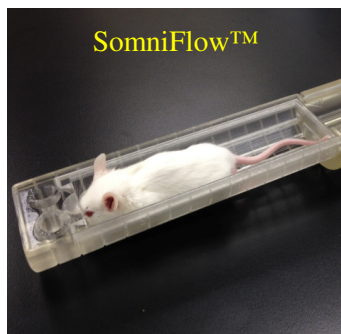
TetraFlow™ Imaging Chamber Design

This CAD design drawing shows the anesthesia gas and warm inlets to the manifold and chamber as well as the discharge and relief ports all through HEPA filters.



TetraFlow™ Dimensional Data

<u>Imaging Chamber</u>	<u>Length</u>	<u>Width</u>	<u>Height</u>
TRF-B (closed lid, excluding HEPA filters)	282.5mm	228.5mm	67.0mm
TRF-B (closed lid, including HEPA filters)	282.5mm	228.5mm	146.0mm
TRF-B (open lid)	282.5mm	228.5mm	470.0mm



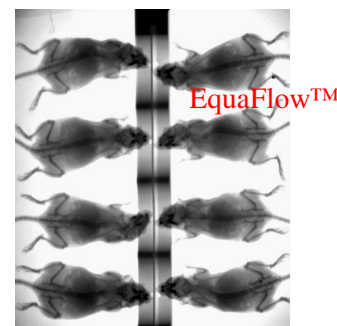
Rat & Mouse Beds



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Rat & Mouse Manifolds