

Optional Kit for LAS-4000

LAS in vivo Assist Kit

Easy installment on your LAS-4000 and easy connection to anesthesia equipment
The LAS in vivo Assist Kit enables you to become more familiar with biogenic images



LAS in vivo Assist Kit

Anesthetic Manifold supports the anesthetizing of small animals

Exclusive heat control prevents hypothermia of anesthetized small animals

Easy maintenance using removal and washable Anesthetic Manifold

Easy connection to anesthesia equipment

By connecting to anesthesia equipment, isoflurane can be used.
Inserting the port tube and the anesthetic manifold supports the anesthetizing of small animals.

Exclusive manifold

Exclusive manifold enables maintenance of the anesthetized condition using isoflurane.
After drug administration, the manifold allows observation of kinetic analysis for a long period of time (a mouse was under anesthesia for one hour and normal arousal condition was validated).

The exclusive heat control

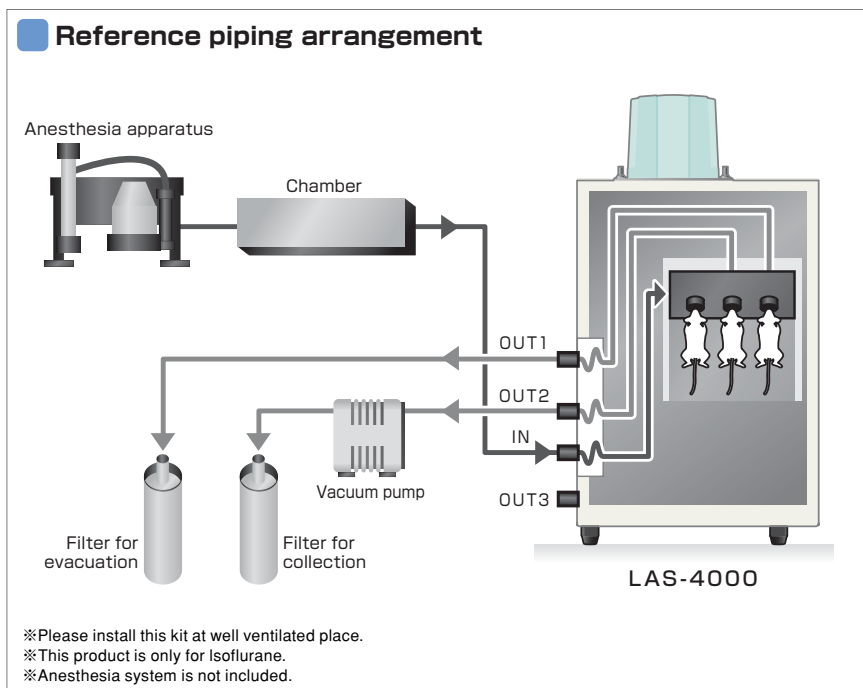
The exclusive heat control prevents hypothermia of anesthetized small animals by keeping the temperature at a constant 37°C (tested while room temperature was at 25°C).

Compatible with LAS-4000

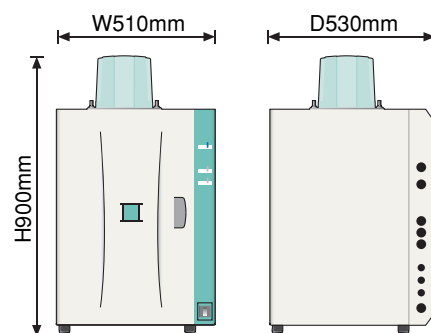
No need to purchase additional in vivo imaging equipment.
Easy installment on your LAS-4000 and after installation, the basic function of the equipment stays the same. Imaging light sources, such as Gel & Membrane images can be captured.

*The feature of isoflurane :

Rapid induction and arousal with strong anesthesia effect.
No risk of hepatotoxicity, nephrotoxicity and cardiac arrhythmia.
Very low risk of myocardial contraction.
Use of isoflurane is safer than anesthesia injection (e.g. Nembutal).



● Image capturing unit



● Composition

LAS in vivo Assist Kit

- Door frame
456×696×80 mm (W/H/D), 4.5kg (excluding the protruding parts)
- Manifold
- Body heat retention tray
328×63×306 mm (W/H/D), 2.5kg (including the gas manifold)
- Heater controller box
322×86×313 mm (W/H/D), 3.0kg (excluding the protruding parts)
- Operation Manual

<http://lifescience.fujifilm.com>

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