

SWIVEL MOUNTS

Mounting a swivel to your particular animal cage can be one of the most frustrating steps in setting up your animal infusion system. To make your life easier, Instech has pulled from its years of experience designing custom systems to create a complete line of swivel mounts—from our simple swivel brackets to our highly-responsive counter-balanced lever arms.

Multi-Axis Lever Arms



These counter-balanced lever arms move vertically and horizontally with the animal to prevent slack in the tether. Their sensitivity makes them ideal for awake-animal microdialysis and all types of infusion studies with mice. They feature an adjustable spring counter-balance, not a mass, which increases their responsiveness to an animal's quick movements.

The mounting plate can be adjusted for mounting to the side or top of many types of cages, including Instech's tanks. Both the 6in-long (15cm) MCLA and 3.5in (9cm) SMCLA models include the gimbal which holds the swivel and the locking mechanism to keep the gimbal in its groove at the end of the arm.

Part No.	Description	Unit
MCLA	6in multi-axis lever arm for rats	ea
SMCLA	3.5in multi-axis lever arm for mice	ea

www.instechlabs.com/Infusion/swivelmounts/mcla.php

Add "/MED" to the part numbers to specify models for use with MedAssociates rat or mouse operant chambers. The arm length and heights are adjusted appropriately and rotation around the support arm is not permitted to keep the swivel positioned over the cage opening. See p 12-13.

Single-Axis Lever Arms



This mount is designed for standard infusion of rats in shoebox cages. The mount pivots in the vertical plane to remove slack from the tether but allow enough length to reach all corners of an asymmetrical cage. The adjustable counter-weight can be set to balance the weight of our swivels plus a tether. The crossbar in the wire top must be clipped in the slot that the tether is placed for maximum travel. For microdialysis or mouse infusion, use the more responsive MCLA or SMCLA.

Part No.	Description	Unit
CM375BP	Single-axis lever arm for plastic swivels	ea
CM375BS	Single-axis lever arm for stainless steel swivels	ea
CM/T143	Slotted top for 10.5in x 19.8in rodent cages	ea

www.instechlabs.com/Infusion/swivelmounts/mcla.php

Mouse Micro-Isolator Cage Mount



Use this mount to infuse mice while maintaining a safe micro-environment for nudes and transgenics. It is designed to attach to standard micro-isolator cages, such as those made by Allentown Caging and Lab Products, with no modifications to the cage or

cover. Includes a spring counter-balanced lever arm attached to a bracket with holes to protect the IV lines as they enter and exit the cage. Feeder and water bottle are available separately.

Part No.	Description	Unit
CMMI/65	Mouse micro-isolator cage mount	ea
CMMI/F	Feeder for mouse micro-isolator cages	ea
CM/W50	50ml water bottle for CMMI/F	ea

www.instechlabs.com/Infusion/swivelmounts/cmmi65.php

Rod-Mounted Snap-in Swivel Mount



This swivel holder mounts to poles that are 3/8 to 1/2-inch (9-12mm) in diameter. It features a clip that allows for easy snap-in, snap-out installation and removal of an Instech swivel. The clip can rotate in one axis as the animal moves and includes a stop to prevent the swivel from slipping downward. The distance from the mounting pole to the swivel is approximately 10cm. Available in single- and double-sided versions.

Part No.	Description	Unit
CM375R10	Rod-mounted swivel mount, single 10cm arm	ea
CM375R10D	Rod-mounted mount for two swivels, 10cm arms	ea

www.instechlabs.com/Infusion/swivelmounts/cm375r.php

Cage Mounting Swivel Bracket



This simple swivel bracket mounts easily to the top or side of most screen and solid material cages. Side mounting allows cages to be stacked more efficiently in racks. When mounting horizontally, a swinging arm provides extra support for the tether.

Part No.	Description	Unit
CM375ST	Side- or top-mounting swivel bracket	ea

www.instechlabs.com/Infusion/swivelmounts/cm375.php

Swivel Mount for Metabolic Cages



This mount holds a swivel in a fixed position above a standard Nalgene Metabolism™ cage. Parts included: vertical and horizontal mounting bars with hardware, new cage top with pre-drilled mounting holes. A slotted version, for easier access to the animal, is also available.

Part No.	Description	Unit
METAMOUNT	Swivel mount for Nalgene Metabolism™ cages	ea
METAMOUNT/SL	Swivel mount for metabolic cages, slotted lid	ea

www.instechlabs.com/Infusion/swivelmounts/metamount.php

Swivel Mount for Large Animals



This heavy-duty swivel holder bolts to the top of the cage and allows all of Instech's single and dual channel swivels to be used with dogs, nonhuman primates and other large animals. For cleaning, simply remove the swivel and the stainless steel posts and send the rest of it through a cage washer with the cage. The mount couples directly to standard 1/2-in (12.7mm) ID jacket tethers.

Part No.	Description	Unit
SR750	Swivel mount/strain relief for large animals	ea

www.instechlabs.com/Infusion/swivelmounts/sr750.php