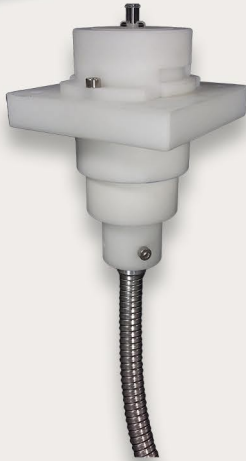


Swivel and Tether Device for Providing an Interface for Medical Fluid Transfer and Immobilisation of Laboratory Animals



Technology Overview

A mechanical swivel system for attachment and immobilisation of large animals, such as pigs, dogs, goats, sheep, monkeys, etc., for laboratory experiments. The swivel system allows for free movement of the animal within a defined space without causing twist or kink. In addition, the swivel system is sturdy and able to withstand the pulling force from the animal while protecting the internal fluid line from mechanical stress due to rotation or tension. As a result, it provides safe and uninterrupted fluid transport to and from the animal.

Features & Specifications

- Mechanical swivel is assembled from two parts using a bayonet lock system. This allows fast and easy connection/disconnection of the animal.
- A standard disposable medical fluid line can be used, standard Luer-lock connectors.
- The fluid line can be independently sterilised.
- Swivel design allows easy replacement of fluid line.
- Mechanical swivel material entirely made from plastic.
- Swivel self-lubricating.
- Autoclavable.
- Functional and durable.

Customer Benefits

- Ease of assembly
- Ease of servicing and replacement
- Modular assembly using bayonet lock assembly
- Can be used with standard disposable medical fluid line
- Long-term usability
- Durable
- Low cost

Potential Applications

- Biomedical research
- Large animal studies
- Animal trial
- Veterinary studies
- Medical fluid transfer

