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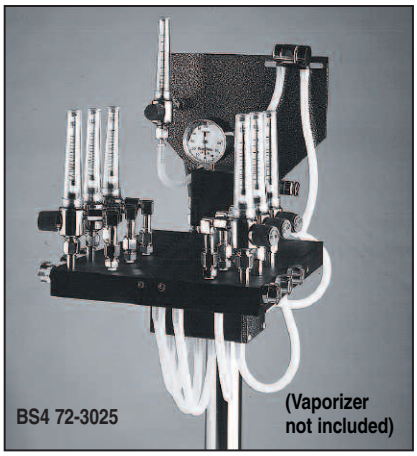
Multi-Station Research Anesthesia System



- Anesthesia delivery system designed specifically for research
- Multiple, individually controlled stations in a single unit
- Unique rodent circuit, mask and diaphragm system for safe, effective anesthetic agent delivery
- Use with lab animal evacuation system

The Multi-Station Research Anesthesia System is the latest technology for rodent and small animal anesthesia. The multi-station unit offers a base unit with multiple stations each individually controlled. The master flowmeter and auxiliary flowmeters all receive the same gas supply. The master flowmeter combined with an anesthetic vaporizer, Tech3, Tech4 or Ohio style, see page F21, are used to set the maximum percentage of anesthetic agent delivered to each station. Using the auxiliary flowmeters, the percentage of anesthetic agent can be diluted using the fresh gas supply from the auxiliary flowmeter. Using an easy-to-follow flow chart, each individual station can deliver a different percentage of anesthetic agent as needed, without effecting any other station.

The unique rodent circuit, BS4 72-3026 features a coaxial tube used in conjunction with a mask. By placing the animal's nose into the mask diaphragm, it receives the delivered gas/anesthetic agent mixture. Three different size diaphragms are available. The waste gas exhaled from the animal and any unused gas delivered by the anesthesia machine, is pulled around the inner cone through the outside hose of the Rodent Circuit. This waste gas can be removed from the breathing circuit using either in-house vacuum or the Lab Animal Evacuation system, BS4 72-3066. The unit is a simple to use, safe and effective anesthetic delivery and evacuation system designed specifically for laboratory research use.

The Multi-station Research Anesthesia system is available with two (2), four (4), or six (6) stations. It is supplied with an operational manual, station hoses, rodent circuits which include, a mask, hose and a medium diaphragm and endcaps. A vaporizer, see page F21, and evacuation system must be purchased separately.

An alternative to the Lab Animal Evacuation system is to connect each rodent circuit exhaust/exhalation line to it's own F-Air Filter canister, see page F20.

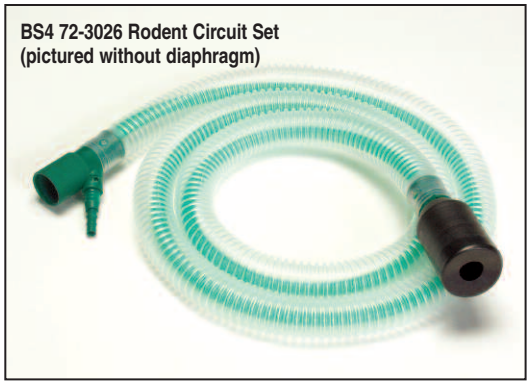
Catalog No.	$	Product
BS4 72-3023		Lab Animal 2 Station Multi-Station Research System, 2 animal
BS4 72-3024		Lab Animal 4 Station Multi-Station Research System, 4 animal
BS4 72-3025		Lab Animal 6 Station Multi-Station Research System, 6 animal
BS4 72-3026		Circuit Set, Rodent, see page F26
BS4 72-3121		Universal Table Top Mount for 2, 4 or 6 Animal Multi-Station Research System
BS4 72-3027		Mask, Rodent (no diaphragm)
BS4 72-3028		Rodent Mask Diaphragm Small (7/16 in Diameter)
BS4 72-3029		Rodent Mask Diaphragm Medium (9/16 in Diameter)
BS4 72-3030		Rodent Mask Diaphragm Large (3/4 in Diameter)

Lab Animal Evacuation System

The Multi-station Evacuation System was designed for those facilities that do not have a built-in evacuation system or a fume hood is not available. The waste gas from the system may be vented to a 2 inch outside line or pulled through activated charcoal so that the air can be recirculated in to the room. When using the filtration system, the activated charcoal must be changed on a regular basis, to maintain it's effectiveness. Typically, 8 to 10 hours of anesthesia delivery can be performed for each new supply of charcoal. The lab evacuation system, will accommodate waste gas supply from 1 to 6 stations.

Catalog No.	$	Product
BS4 72-3066		Lab Animal Evacuation System, 110 VAC, 60 Hz
BS4 72-3067		Charcoal Refill

NOTE: When using in-house suction, a scavenger interface valve must be used when operating more than one station, to reduce the pull of air.



NEW *See our New Gas Anesthesia Platform for Mice on page L39.*