

Glas-Col 气溶胶发生器 099C A4224

产品名称	Glas-Col 气溶胶发生器 099C A4224
公司名称	长沙巴溪仪器有限公司
价格	400000.00/台
规格参数	A4224:100 A6224:100 A4214:100
公司地址	长沙市芙蓉区远大一路408号中栋406房
联系电话	0731-89820291 18974821365

产品详情

Inhalation Exposure Systems

Overview: FLOOR MODEL IES

The Inhalation Exposure System provides reproducible animal exposure to droplet-borne contaminants and infectious agents. It also produces deep-lung infections that more closely simulate real-world circumstances.

The system allows you to vary the concentration of airborne pathogens, the rate of air flow, and the length of exposure, so experiments can be reproduced accurately and adjusted easily. UV lamp (254nm), HEPA filter (0.3um) and an air incinerator for decontamination provide additional protection in the lab.

The system is a top loading whole-body exposure chamber for the quantitative experimental infection of animals by inhalation of air bearing the pathogenic agent. The heart of the system is the nebulizer-venturi unit into which the suspension is introduced. Air under pressure atomizes the suspension, which is mixed with filtered room air drawn into the system by suction beyond the decontamination system. By varying the number of micro-organisms in the suspension, the proportion of bacteria-bearing nuclei can be varied. The system permits control of the volume of air moving through the chamber per unit time.

The animals are placed in a (5) compartmented mesh stainless steel basket within the chamber. Compressed air and vacuum pump, along with the necessary controls and flow indicators, are built into the system. A programmable control is used to time: preheat, nebulizing, cloud decay, and decontamination periods.

This Inhalation Exposure System provides whole-body exposure for approximately 100 mice.

New features include sensors to monitor flow within the chamber, incinerator performance, system timers for filters and UV, plus 5 recipe creation files.

