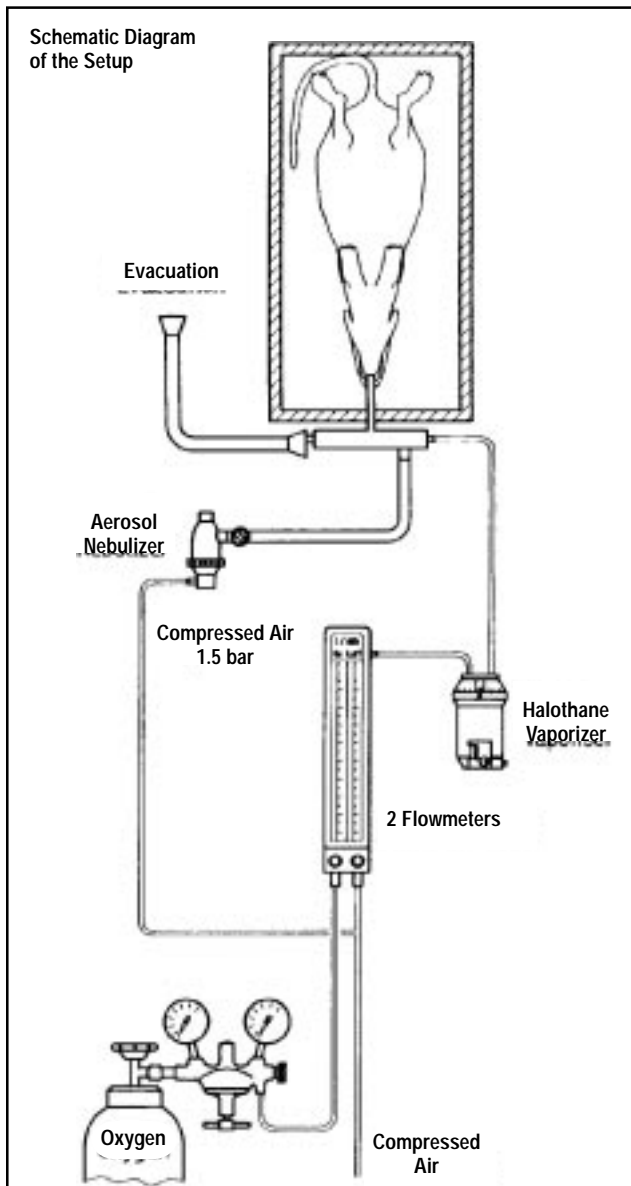
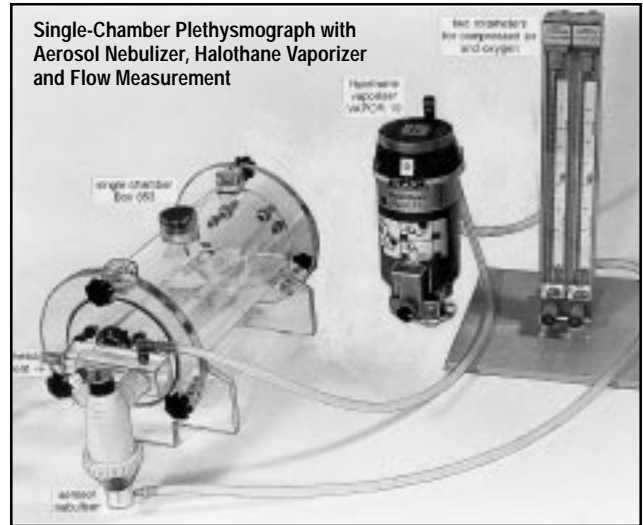
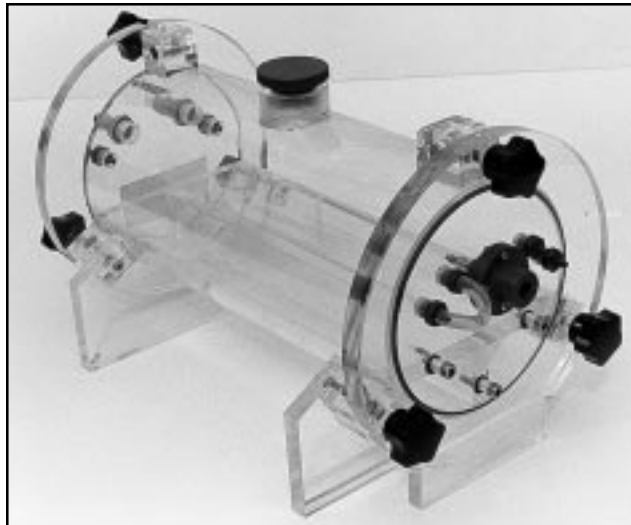


Single-Chamber Plethysmograph for Anesthetized Rodents



The animal is investigated **without surgical intervention**. It is anesthetized so that the esophageal and tracheal catheters can be inserted, and the animal can recover after measurement. The esophageal pressure is taken as the pleural pressure and measured using a fluid or air filled catheter and a pressure transducer.

The respiratory flow is determined by plethysmography using a measuring screen (metallic-mesh) in the box wall and a differential pressure transducer.

Anesthesia is produced using a Halothane vaporizer. An aerosol nebulizer permits the administration of aerosols through the intubated tracheal tube.

- Investigating resistance and compliance without surgical intervention just by intubating
- Low dead space volume (no pneumotach in-line with the trachea)
- Possibility of continuous gas anesthesia and aerosol application
- Applications
 - Toxicology
 - Environmental studies
 - Long term drug effects

Catalog No.	Product
CGS 8004.69	Plethysmograph, Type 853
CGS 8005.69	Connecting Block for Nebulizer and Anesthesia Attachment
CGS 8006.69	Aerosol Nebulizer
CGS 8007.69	Anesthesia Attachment with Halothane Vaporizer