

Statement of Need

PR:

Product needed: Rodent Vent and Overhaul Kit

*683 Rodent Vent 115/230V [item# 550000] for \$4396

*Overhaul Kit 683f/30cc [item# 555283] for \$232

Background

Dr. Edward Dixon is requesting to purchase 683 Rodent Vent for his research study, Chronic Lithium therapy for Traumatic brain injury. The small animal ventilator will be utilized during surgery to conduct TBI research.

Purpose

Harvard animal ventilator is the industry standard equipment used in rodent surgical procedures depended upon to obtain successful surgical outcome in animal which allows for collection of research data. The model 638 comes standard with two piston and cylinders. The 638 ventilator features a numerical LED to display the respiratory rate which can be set from 18 to 150 strokes/minute. Volume and rate setting can be adjusted while the ventilator is running. These features allow for optimal response during surgery.

Requirements

Rodent Vent is required with the minimum of characteristics provided below.

- Volume control

- Numerical LED display

- Room air or non-flammable mixed gas supply

- Services one animal – Rats, Guinea Pigs, Rabbits

- 30 Breaths per min. minimum respiration rate

- 150 Breaths per min maximum respiration rate

- Adjustable from 0.2 to 30 ml/stroke while running

Once the equipment has been delivered to the VA receiving department and has been cleared, VA staff will deliver it to:

Dr. C. Edward Dixon, PhD

University of Pittsburgh

123A Hill Building

3434 Fifth Ave

Pittsburgh, PA 15213

Market Research: Market research was conducted with the use of GSA and no company was found to have small animal ventilators.

This equipment does not require vendor or their contractor to come on property to install. This equipment will not supply or house patient information. This equipment will not require connection to the VA Network.