Inspira – Advanced Safety Ventilator (ASV)

Breakthrough

New

- Ventilates mice to cats with one ventilator (15 g to 10 kg)
- Easy to use
- Two models available:
  — Volume-controlled
  — Pressure-controlled
- Airway pressure monitoring detects over/under pressurization of lungs
- Assist Mode helps wean animal off the ventilator
- Built in sigh breath maintains optimal lung functioning
- Adjustable I:E ratio (1:4 to 4:1)
- Ability to ventilate with air or non-flammable

Announcing two new ad...

- Inspira Advanced S...
- Inspira Advanced S...

Both ventilators are the r... ment. Each features an e... display, and all gas ports... functions include Airway... Programmable Sigh Brea...

Coming soon, the Inspira... The ARV builds on the ASV... of optional features inclu...

- Sidestream O₂ mo...
- Mainstream or si...
- Sidestream anesth...
- Capnography
- Pulse oximetry
- Remote airway pressure monitoring

Call Harvard Apparatus for more details.

...imals

...ilator that can ventilate animals ...achine. Respiration rates range ...e adjusts from 0.1 ml to 100 ml. ...e one ventilator for mice and an-...can do it all.

...press run! A microprocessor rec-...a user-entered animal weight. The ...meters if needed. The ventilators ...d simple to use keypad.

...the front of the machine for conve-...vo analog outputs, an external trig-...r are also located on the front of the ...n the back of the machine and can ...ing, or printer connection.

...g

...the animal's weight and press run. ...sets a standard set of respiratory ...ers is quick and easy. The bright, ...umeric keypad and intuitive func-tion keys simplify parameter entry. Changing a value (e.g., respiratory rate) requires only a few keystrokes. The user is prompted at each step of the process to assure you of quick accurate setup. As a final check, each function key (rate, volume, I:E ratio, sigh and pressure) can be pressed to display the current value being used.

Safe Range™

Setting up the ASV ventilators is both easy and safe thanks to the Safe Range™ software. Once the animal's body weight has been entered the software computes the median settings for tidal volume and respiratory rate. These same equations are used to calculate a Safe Range™ around the median values. All the default parameter settings can be overridden. If you enter a setting outside of the Safe Range for the body mass of the animal to be ventilated you are warned that the value is outside the Safe Range™ and asked to confirm the setting.