



TAFONIUS™

(WIND GOD)

"TAFONIUS - undeniably the last word in mechanical lung ventilators"-
University of Edinburgh- Royal (Dick) School of Veterinary Studies

Mechanical:

- Stainless and Aluminum construction with white powder coated finish
- 8" wheels, front wheel locks
- Low center of gravity
- Swivel valve block permits the breathing tubes to exit to the right or the left.
- Access to internal cleaning of the "bellows" in literally a couple of seconds.
- "Crash cart" drug drawer below work surface
- Footprint 30"wide x 36"deep, height is 72"
- Dual mount Select-a-Tec™ vaporizer back bar
- Stainless hoop handle and bumpers

Features

- Accommodates a wide range of patients 100 lbs – 2000 lbs (maybe more or less!)
- Redundant computer systems
- 15" 1028x768 touchscreen computer w/ GUI interface and 40Gigabyte HD
- Backup microprocessor with ventilatory controls
- Runs on two 12v rechargeable batteries
- Choice of automatic or manual modes for oxygen and anesthetic delivery
- Uses no driving gas for the "bellows"
- Oxygen is used only for patient uptake
- Fully integrated monitoring of ECG, IBP, CO₂, O₂, Agent, N₂O, SpO₂, Temp,
- High and low alarms for all parameters
- Anesthesia Record printout for clinical use
- Data collection to Excel™ for research
- User programmability for the researcher
- Unlimited presets for recalling all settings and alarms for different types of cases
- Acts as a respiratory monitor in standby mode during spontaneous breathing
- Trend display of all measured parameters
- User configurable display of traces and trends
- Freeze traces function
- Alarm silence/locked/disabled function
- Lightweight clear breathing tubes with sanoprene rubber cuffs
- Two work lights and a built in tool kit
- In the future, new modes of ventilation and features will be software uploadable.
- Servo driven piston instead of bellows
- Tidal volumes up to 20 liters with 20cc resolution
- Settable Ip, inspiratory pause, 0-40% of the Itime
- Respiratory Rate 1 – 20 breaths per minute
- Settable FiO₂, 30% – 100 %
- Maximum Working Pressure Limit adjustable from 10 – 80 cmH₂O
- Implementation of PEEP and CPAP up to 50cmH₂O
- Inspiratory flow rates up to 1000 lpm
- Redundant scavenging systems
- Absorbent can be changed in seconds
- Absorber pan holds 6.5 liters, 11.7 lbs, 5.3 kg of absorbent
- GFI protected with 3 auxiliary AC power outlets
- Accommodates two e-cylinders of oxygen for backup, temporarily disconnected or field use.
- Accommodates both funnel fit and Bivona/Drager style ET tube adapters
- Bronchodilator injection port
- Oxygen flowmeter for manual use
- Oxygen flush button for manual use
- Optional N₂O and or Air flowmeters
- Scavenging flowmeter
- Hospital line pressure gauge
- E-cylinder pressure gauge
- Airway pressure gauge

COMING SOON TO AN
OPERATING THEATER
NEAR YOU!