

FAQ for Tafonius

Q. What is the weight range of the Tafonius?

A. The unit can ventilate animals from 10kg to 1500kg

Q. Does Tafonius need a pressurised gas supply to run?

A. No. There is an electrically driven piston inside of the machine so a pressurised driving gas is not needed.

Q. What is included with a full Tafonius?

A. A ventilator, anaesthesia machine, and monitoring with data saving / collection.

Q. How does the Tafonius work?

A. Tafonius uses a motor to drive the piston. The piston position is very accurately controlled so behaves like a virtual bag. The animal sees no resistance to breathing.

Q. What monitoring is supported?

A. Tafonius can monitor ECG, IBP, Pulse Ox, Temperature, Agent, CO₂, N₂O, O₂, and airway pressure.

Q. What are the ventilator controls on the Tafonius?

A. TV, It (with pause), RR, MWPL, assist, CPAP/PEEP, automatic FGF, and automatic FiO₂

Q. What data is recorded on the Tafonius?

A. All monitoring and physiological data, plus piston position and battery data, as well as all machine control changes such as change in TV, It, and alarms etc. By default data is recorded every 5 seconds but this can be changed by the user.

Q. Can I export data?

A. Yes. This can be done as CSV or PDF files.

Q. How do I clean the Tafonius?

A. We have a document on the Tafonius web page for cleaning the Tafonius v101. Please see this for more information.

Q. Is the Tafonius Portable?

A. Weighing 140kg Tafonius is not truly portable but it is readily movable. The battery last 4-6 hours once fully charged, and the machine has large wheels to enable moving the machine when required.

Q. How often should I get the Tafonius serviced?

A. A Tafonius system should have its first service 1 year from the anniversary of the installation date. From then on, the unit should be serviced every 2 years or every 500 hours of use – whichever comes first.

Q. Is training provided?

A. For every sale of a full Tafonius system, we come to you and provide a two day training session.

Day 1 – Commission Tafonius followed by equipment training.

Day 2 – Live case training.

Q. Can I buy Tafonius without monitoring?

A. Yes. There are 3 models of Tafonius that do not have any integrated monitoring:
The Tafonius (stripped version), Tafonius Junior with circle and Tafonius Junior without circle.

Q. What vaporisers are provided?

A. None are provided unless requested. The machine uses Selectatec types. Any type can be ordered.

Q. Can I add air / N2O to Tafonius?

A. Additional air fitting and flowmeters can be added at time of ordering, subject to a charge of £500.00 each.