



TAFONIUS Large Animal Anesthesia Machines

Service Options, Agreements and Warranties

TAFONIUS and TAFONIUS JUNIOR Repair Visit

PN 000A5755

Time & Materials Plus Travel, Lodging & Meals (or shipping)

A repair visit is generated on an on-call basis and covers a technician's on-site visit for the work specifically requested. It will be calculated as the sum of:

- Travel time driving (round trip) @ \$90/hour or flying @ \$500/day plus ticket, car rental & fuel
- Lodging and meals
- Cost of parts and materials
- Time for repair @ \$125/hour

Parts and Labor will be warrantied for 90 days.

TAFONIUS and TAFONIUS JUNIOR Annual Service

PN 000A5756

\$1950 + Materials, Travel, Lodging & Meals (or shipping)

The annual service will cover an on-site visit for a strip-down, tolerance checks, adjustments, re-assembly and a full system test as described below. Any worn/broken/missing parts will be replaced and charged at a discount rate of 20%. (e.g. split hoses, damaged sampling/pressure lines/seals and gaskets, rolling diaphragms, etc.)

The service strip-down and re-assembly will include but is not limited to:

Visual assessment

Check the battery integrity & power cord

Verify the performance of the Monitoring System

Lubricate the linear actuator

Update the PIC firmware if required/requested

Update the TAFONIUS software if required/requested

Piston disassembly & service:

- Check forward and reverse position sensors
- Lubricate the rolling diaphragms
- Check the alignment and tightness of the cylinder closed sensors
- Check the integrity of the cylinder seals, replace if required

Reassemble Piston assembly and test the following:

- Vacuum system and pump
- Dump valve performance
- System Leak Test

Check the caster tightness

Check the alignment and tightness of the Black Knob releasing brackets

Check manual breathing circuit

Check Auxiliary System performance

Check the tightness of the O2/Air flow meters - tighten as necessary

Check the seals on the Select-a-Tec vaporizer back-bar - replace as necessary

Check the operation of the TAFONIUS software and the Touch Computer

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**Extended TAFONIUS and TAFONIUS JUNIOR Warranty Agreement
\$2950 + Materials, Travel, Lodging & Meals (or shipping)**

PN 000A5757

An Extended Warranty agreement may only be purchased as described below under "**Terms and Conditions for the Extended Warranty**".

The Extended Warranty agreement will cover the cost of the annual service as described above with a 20% discount for parts requiring replacement except as indicated below under "**Manufacturers' Warranty**" and extends the manufacturer's warranty for a further year.

Terms & Conditions for the Extended Warranty

The Extended Warranty must be purchased prior to the lapse of the Standard Manufacturer's warranty. The Standard Manufacturer's warranty is valid for one year from the original date of delivery. Should the Standard Manufacturer's or Extended Warranty lapse, an Annual Service Plan must be purchased in addition to the Extended Warranty to ensure the machine to be covered is in good working order prior to the reinstatement of Warranty.

Service Dates

The first service date shall be scheduled within one year of the original delivery date. Extended warranties must be purchased no later than 14 days following a service date. All subsequent services shall be within thirteen months of the previous service date. It is the customer's responsibility to schedule service dates within the Extended Warranty (or Annual Service) timeframe.

Manufacturers' Warranty – Please see our Tafoneius Limited Warranty Statement for Full Details

Hallowell EMC warrants **TAFONIUS** and **TAFONIUS JUNIOR** to be in good working order and fit for the purpose intended for a period of one year from the date of delivery. In the event that the product is found to be defective within the warranty period the manufacturer will repair or replace, at its discretion, via an on-site visit or common carrier shipment, at its discretion, the item or items free of charge subject to the following conditions:

- 1) The failed item(s) are
 - a. Either returned to the Hallowell EMC for inspection prior to replacement and or repair, OR
 - b. Retained by the customer for inspection by a Hallowell EMC appointed technician via a return shipment or on-site visit at the discretion of Hallowell EMC.
- 2) Failure to perform or function correctly is a direct result of a component fault or fault in manufacture and does not arise from damage sustained in transit, from misuse, from direct physical abuse or an "act of God".
- 3) Where failed items can be shipped (< 50 lbs weight), the customer bears the return cost of secure transportation of the item to either the manufacturer or supplier.

The manufacturer's warranty does not cover:

- 1) Repair or replacement of parts due to normal wear and tear
- 2) Any consumables
- 3) Replacement product to cover period of repair

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TAFONIUS Windows Upgrade Options

TAFONIUS Upgrade – Windows 7 to Windows 10 **\$495 Plus Travel, Lodging & Meals (or shipping)**

PN 000A6538

Windows Upgrade Includes:

- Backup all data from old PC
- Reprogram USB on PIC MB and Solomon MB
- Download and install .net.framework 4.0 or higher
- Install FTProg
- Reprogram USB on PIC MB and Solomon MB with new FTDI drivers
- Recover all backup data
- Run test

TAFONIUS Upgrade – Windows XP to Windows 10 **\$3295 Plus Travel, Lodging & Meals (or shipping)**

PN 000A6539

Cost includes following parts:

Modified ELO (060A1092D) & power cable (112A5511A), motherboard serial cable (112A5511A)

Windows Upgrade Includes:

- Backup all data from old PC
- Reprogram USB on PIC MB and Solomon MB
- Download and install .net.framework 4.0 or higher
- Install FTProg
- Remove old ELO and install new ELO on Tafonius
- Change power output for ELO from 12VDC to 19VDC (change resistor or jumper)
- Replace ELO power cable and ELO serial cable
- Reprogram USB on PIC MB and Solomon MB with new FTDI drivers
- Recover all backup data
- Run test

Appointment is required for service. If payment terms are Net 30, purchase order must be received prior to service.