

Symbols

	Consult 'Instructions for Use'
	Caution
	Do not allow liquid to enter mains input socket
	Inlet filter
	Outlet filter
	Fuse T1AL
	Battery/Pump switch
	DC Fuse
	Empty Battery: Low battery light Full Battery: Battery charge light
	12V DC input socket
	Class II Equipment
	Type BF Equipment
	Tested and approved by Nemko, Norway. Complies with IEC 60601-1 and IEC 60601-1-2.
	This product complies with the essential requirements of the medical devices directive (93/42/EEC). Compliance has been verified by UK notified body per 0120 (SGS United Kingdom Ltd).
	Do not dispose of with household refuse

Introduction

These nebuliser systems are designed to deliver a fine aerosol mist from the liquid medication prescribed by your doctor to treat your respiratory condition. Use according to the instructions given by your doctor or physician. Please read the instructions carefully to obtain the maximum benefit from the nebuliser systems.

AC2000

This mains only nebuliser has been designed to operate from ~ mains voltage, 220V-240V ~ 50 Hz.

World Traveller Hi-Flo

This portable nebuliser system has been designed for use anywhere in the world. It will automatically operate from all ~ mains voltages in the range 110-240V 50-60Hz without any adjustments to the machine. This model will also operate from a 12V DC battery using the DC lead supplied when connected to a car cigar lighter attachment. An optional built-in rechargeable battery pack is also available.

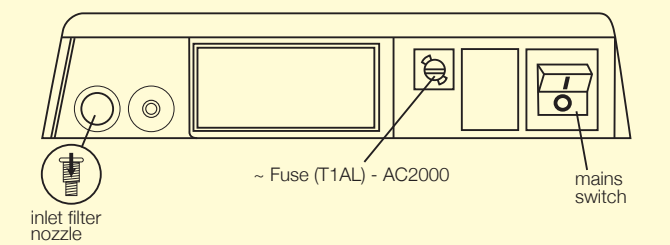
Note:

The World Traveller is intermittently rated and is fitted with thermal cut-outs to protect the equipment. It can be used for continuous treatment for up to 60mins. **Do not re-use within 60mins.**

Battery Information:

A safety feature has been fitted to the battery to prevent it from overheating. Should you use your World Traveller **immediately after charging the Battery Pack** you may notice the battery does not give maximum output and may run intermittently. **Please switch off** and allow the battery to cool for at least an hour before use.

AC2000



Operating Instructions

Mains ~ Operation

1. Carefully withdraw nebuliser from the box.
2. Connect mains lead to a mains power supply.
3. Connect driveline to outlet filter nozzle.
4. Connect nebuliser chamber, followed by mouthpiece or face mask, to the driveline.
5. Press mains switch on (I). The switch will illuminate and the equipment can now operate.

To Replace Fuse

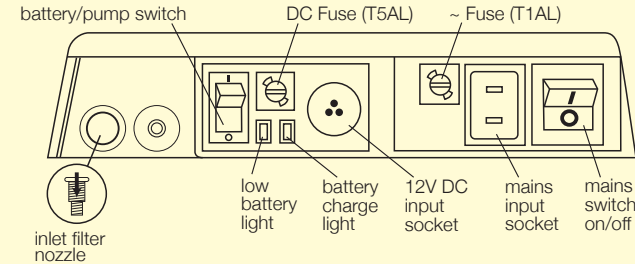
1. Switch off at mains.
2. Using a screwdriver or a coin push and twist fuse in an anti-clockwise direction to extract fuse.
3. Replace fuse.

The AC2000 and World Traveller are supplied with a starter kit consisting of:

- | | |
|-----------------------|--------------------|
| 1 x nebuliser chamber | 1 x driveline |
| 1 x inlet filter | 1 x mouthpiece |
| 1 x adult face mask | 1 x filter spanner |
| 1 x child face mask | |

World Traveller Hi-Flo

Control Panel



AC Mains Operation

1. Connect mains lead to the mains input socket shown above and to mains power supply.
2. Connect driveline to outlet filter nozzle.
3. Connect nebuliser chamber, followed by mouthpiece or face mask, to the driveline and press mains switch on (I).
4. Press battery/pump switch on (I) to operate.
5. To switch unit off, first press battery/pump switch to (O), then press mains switch off. Disconnect from mains.

Note: The machine is supplied with a mains plug. When using it in overseas countries, a universal adaptor may be required to suit the local socket.

DC Operation

1. Connect cigar lighter lead to 12V --- input socket on control panel.
2. Connect the other end of the lead to the cigar lighter socket in the car. Press battery/pump switch on (I) to operate.

Battery Operation

Note: From new, batteries are not connected in World Travellers. Follow connection instructions detailed under 'Installing New Battery Pack'.

1. The machine operates direct from the built-in rechargeable battery pack by pressing battery/pump switch on (I).
2. When fully charged the battery pack will operate the compressor for about 35 minutes. Recharge when the red 'low battery' light illuminates.

Recharging Battery Pack

When the red 'low battery' light illuminates recharge as follows:

1. Connect mains lead to the mains input socket on the control panel and to the mains power supply. Press mains switch on (I).
2. The green battery charge light should now illuminate. The battery pack is being recharged. **Note:** The battery/pump switch MUST be at the off (O) position.
3. After recharging for 16 hours maximum press mains switch off (O). Disconnect mains lead.

Note: To obtain the maximum life from your battery pack always store battery in a fully charged condition, as follows:

1. Every three months charge for 16 hrs maximum. Discharge by using from battery until red light appears, recharge for 16 hrs maximum.
2. If battery pack is completely discharged, red light will not illuminate.

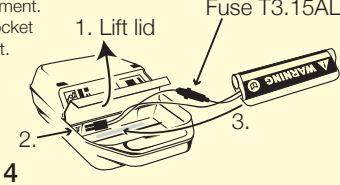
To Replace 'inline' Battery Fuse

1. Twist and pull fuse casing in an anti-clockwise direction.
2. Replace fuse, T3.15AL fuse.

Installing New Battery Pack

If you have purchased a battery pack at a later stage, install it as follows:-

1. Lift inner lid to the battery pack compartment.
2. Connect plug on battery pack lead to socket on left hand side of battery compartment.
3. Fit battery pack into compartment so velcro strips meet to fix in position.



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Econoneb

The Econoneb is supplied with a starter kit consisting of:

- | | |
|-----------------------|---------------------|
| 1 x nebuliser chamber | 1 x adult face mask |
| 1 x driveline | 1 x inlet filter |
| 1 x mouthpiece | 1 x filter spanner |
| 1 x child face mask | |

Turboneb 2

The Turboneb 2 supplies the highest flow rate for nebulising viscous antibiotics and has been designed to operate from ~ mains voltage. Two versions are available, UK and EURO, (i.e. plug type) both 220-240V ~ 50Hz.

This compressor-only unit provides flexibility for the user to choose the most appropriate accessories for demanding applications.

The Turboneb 2 is not supplied with a starter kit.

Note: Both machines are continuously rated for repeat use.

Please refer to the information label on the base of the machine to establish that you have the correct voltage for your mains supply.

Econoneb/Turboneb 2

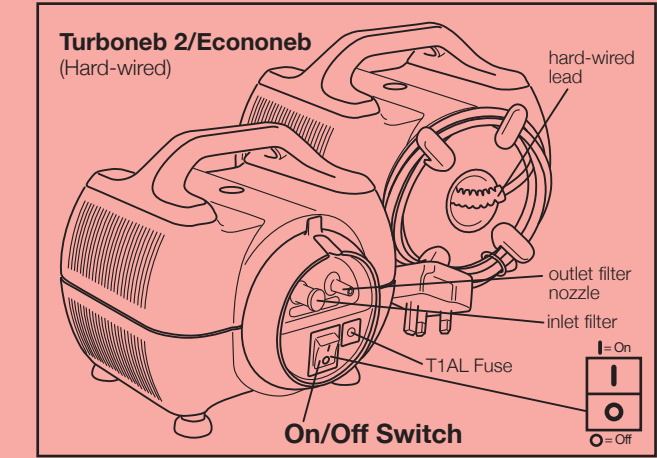
Operating Instructions

Mains ~ Operation

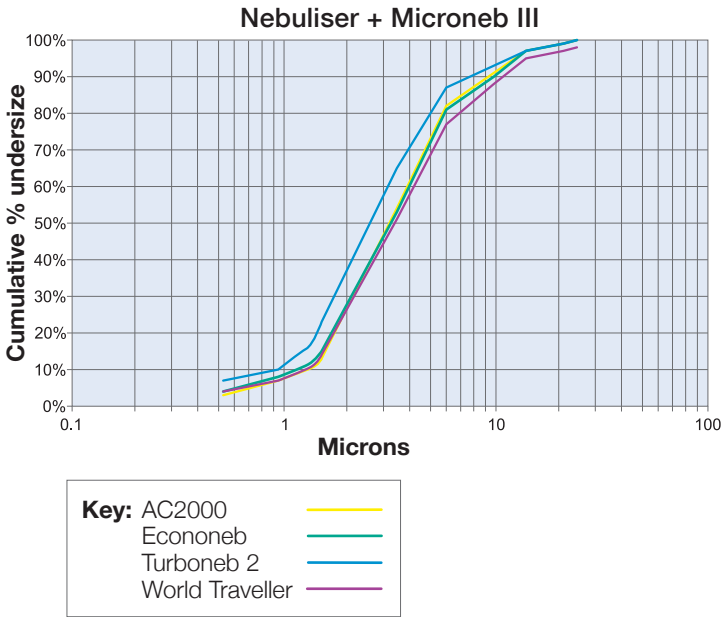
1. Connect mains lead to mains power supply.
2. Connect driveline to outlet filter nozzle (see page 7).
3. Connect nebuliser chamber, followed by mouthpiece or face mask, to the driveline (see page 7).
4. Press mains switch on (I). The switch will illuminate and the equipment can now operate.

To Replace Fuse

1. Switch off at mains.
2. Using a screwdriver or a coin push and twist fuse in an anti-clockwise direction to extract fuse.
3. Replace fuse.



Particle Size Distribution



Note:

The performance information provided is in accordance with standard EN 13544-1 but may not apply to drugs supplied in suspension or high viscosity form. In these cases, information should be sought from the drug supplier.

Filling the Nebuliser Chamber

For Single Patient Use

1. Connect one end of the driveline to the outlet filter on your compressor.
2. Connect the other end of the driveline to the bottom of the blue nebuliser cup.
3. Remove the nebuliser top from the cup and pour medication into the cup (max. 10ml.)
4. Screw the top back onto the cup.
5. Connect either the face mask or mouthpiece to the nebuliser top.

All accessories must comply with EN 13544-1

Administering the Medication

Switch the compressor unit on. Sitting in an upright relaxed position, place mouthpiece into the mouth (or face mask over the nose and mouth) and start breathing slowly and deeply. Do not try to breathe quickly. If you have any problems seek instruction from your doctor or physiotherapy department at your hospital. Switch off the compressor when the misting has stopped. Unplug the mains lead.

Servicing

In order to maintain your warranty, your unit is required to be serviced by an approved service agent every 12 months. Please contact the manufacturer or distributor for details of your nearest authorised service agent.

Warning: Disconnect power supply before servicing. When servicing, use only identical replacement parts. Not suitable for use with flammable anaesthetics.

Caution: Do not immerse in water.

Please Note: When returning your nebuliser for servicing at Clement Clarke International please contact customer services for an authorized returns number.

Please do not return your consumables when returning your nebuliser for servicing.

The nebuliser case should be wiped clean with an alcohol wipe or similar, before returning for service. **Please ensure wipe solution is compatible with ABS plastics.**