

### Specifications:-

**Supply Voltage:** 85-264V

**Supply Frequency:** 47-63Hz

**Mains Inlet Fuses:** P2.0A 250V

**Insulation:** Class 1 (Earthed)

**Installation:** Over Voltage Category II

**Pollution:** Pollution Degree 2

**Duty Cycle:** Continuous

**Rated Amperage:** 1.2 Amps

**Recommended Operating Ambient Temperature Range:** 5 -35°C

**Recommended Operating Relative Humidity:** 10 - 89%

**Temperature of dispenser:** 74 - 76° C

**Temperature of hot plate:** 45 - 55° C

**CE Marked:** Yes

**Dimensions:** W16.5cm x D10.5cm x H7.6cm

**Weight:** 1.12 kg

**CE Marked:** Yes

### Warranty Registration

Don't forget to register your new Airbox product by filling in the registration form provided and returning it to us at the address below.

Alternatively you can do this online at: [www.airboxsp.com](http://www.airboxsp.com)

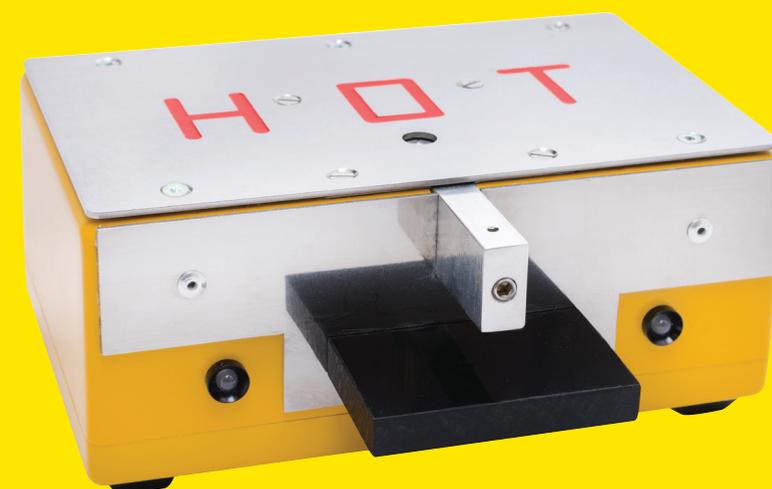
### Technical support

For all technical support or customer service enquiries please contact us:

**telephone:** +44(0)1903 524 600

**email:** [sales@airboxsp.com](mailto:sales@airboxsp.com)

**web:** [www.airboxsp.com](http://www.airboxsp.com)



■ ■ ■ thank you for choosing this Airbox product

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**Dear Customer**

Thank you for purchasing this Airbox product. To ensure that you get the best possible use from it, please read this manual carefully.

Your sincerely

**The Airbox Team**

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**Declaration of conformity**

We herewith confirm, that the unit to which this manual belongs meets the necessary requirements to obtain the sign



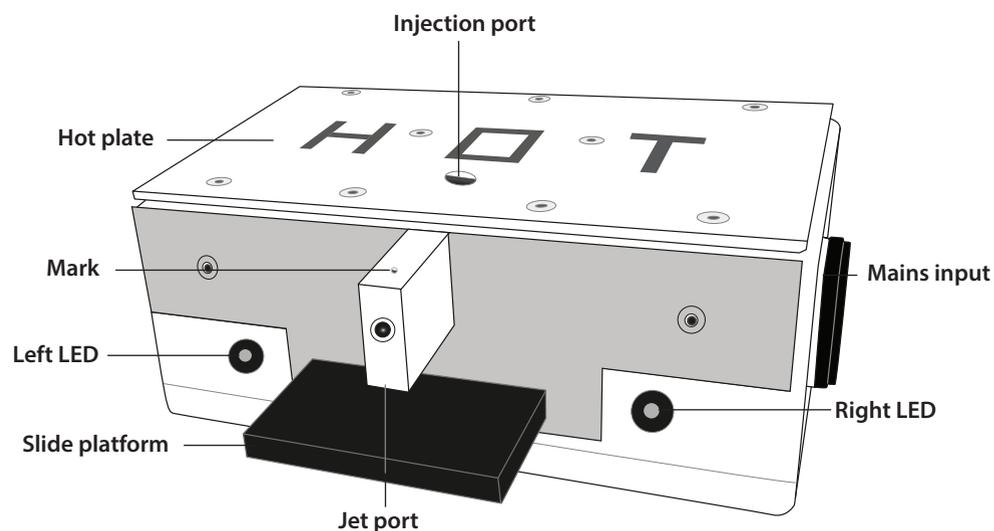
**Airbox Sampling Products** is a wholly owned subsidiary of:

**FermionX Ltd,**  
Technology Centre,  
Easting Close, Worthing  
West Sussex BN14 8HQ



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## 1. The VAPORISER



## 2. Setting up and using the VAPORISER

1. Take the VAPORISER and lead out of box provided and plug lead into the mains and the VAPORISER mains input.
2. Turn on the VAPORISER using the red switch on back. Left LED will show green to indicate unit is on. Right LED will show orange to show the unit is not yet at temperature.
3. After 2-3 mins, the right LED will turn green, indicating the VAPORISER is now up to temperature and ready to use.
4. Place filter on microslide and either:
  - a) Place slide on slide-platform under jet port.
  - b) Remove slide-platform and hold slide free-hand under jet port.
5. Fill syringe provided with a minimum of 0.4ml of acetone and place end into the injection-port, (this is located under the 'O' in 'HOT' on the hot plate).
6. Using the mark above the jet port as an indicator of where the acetone will be released below the jet guard, smoothly inject the acetone into the injection-port, moving the slide to ensure full coverage of the filter.
7. Add a drop of triacetin and place cover slip over filter.
8. Place slide onto hot plate.
9. Turn the VAPORISER off using the red switch on the back.

### 3. Safe operation of the VAPORISER

#### INSTALLATION



The Vaporiser must only be operated on a DRY and LEVEL surface. The mains lead must be connected to an earthed 240V power supply and the mains lead arranged optimally to avoid a TRIP HAZARD.

The Vaporiser must only be operated with the mains lead it was delivered with.

#### OPERATION



The Vaporiser uses heat to vaporise the acetone and to cure the completed slides. The hot surfaces are clearly labelled.

The Vaporiser uses Acetone which is a highly volatile and flammable solvent.

#### **DO NOT ATTEMPT TO OPERATE THE VAPORISER WITH ANY OTHER CHEMICAL OR SUBSTANCE**

Airbox does not supply Acetone with the Vaporiser and expects the customer to procure it from a reputable supplier and to take note of the Material Safety Data Sheet it will be supplied with and that they comply with any storage and in use safety directions arising from that for the health and safety of its employees.

Airbox requires and expects that the customer trains the operators of the Vaporiser in its safe operation and enacts safety processes under the Control Of Substances Hazardous To Health Regulations and any currently enacted health and safety legislation in the jurisdiction in which the Vaporiser is to be operated.

#### **Specific known hazards in the use of acetone**



Acetone is highly volatile and is flammable. The Vaporiser should be operated in a well ventilated environment away from sources of ignition such as naked flames, smoking or vaping apparatus.



Acetone vapour is highly explosive. The Vaporiser should be operated in a well ventilated environment away from sources of ignition such as naked flames, smoking or vaping apparatus.



Acetone is a chemical irritant and should only be handled while wearing gloves and eye protection.



Acetone is poisonous and must not be ingested, inhaled or released into the environment.

### 4. Maintenance and Service

The Vaporiser contains **NO USER SERVICEABLE PARTS**.

If the unit requires any attention requiring an internal investigation then it must be returned to Airbox Limited.

Keep the Vaporiser clean and packed in the case provided when not in use. If there is any reason to clean the hot plate or spray head then disconnect from the power and wipe over with a cloth moistened with acetone. The body of the vaporiser can be cleaned with a damp cloth. NEVER totally immerse, shower or splash the vaporiser with water.

If the injection portal accumulates any debris or dust that reduces the efficiency of the quality of the acetone vapour spray then flush it out with acetone.

### 5. Parts

Product Code	Name	Description
PO1783	ACETONE VAPORISER	Airbox ACETONE VAPORISER
PO32953LF	Slide Platform	VAPORISER 9mm slide platform PPC