

## Troubleshooting

Pump will not start, red LED illuminated.	Battery voltage too low, recharge battery.
Flow rate insufficient.	Check motor speed control setting and sample tube for kinks.
Pump stops while running, red LED illuminated.	Battery voltage has dropped to 10.5, recharge.
Pump will not start, red LED not illuminated, timer running.	Fuse blown.
Pump fails to run for specified duration.	Check battery pack.

## 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: 01903 524 610**

**email: [airbox@c-techelectronics.co.uk](mailto:airbox@c-techelectronics.co.uk)**

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

## JD8T Air Sampling Pump



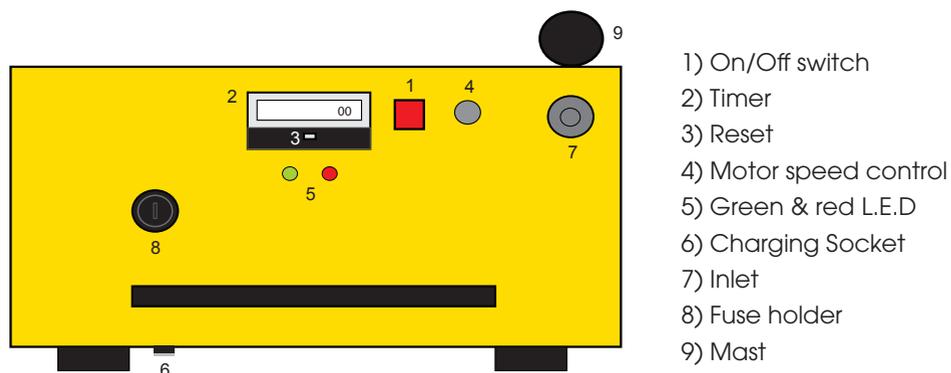
Thank you for choosing this Airbox product

The JD8T sampling pump is manufactured from 2mm thick, welded aluminium and are finished in a tough epoxy powder coating, resulting in a case that is rigid, non rusting and durable.

The pump unit has a high efficiency, multi diaphragm pump with a capacity of 10L/min through a 0.8µm filter.

The flow rate is set by means of an inset screw adjustment device located on the front panel. (Adjusting tool is required). Flow control is maintained to within + or - 3% of the set figure by the electronic control unit.

The battery pack allows a running time of 10+ hours at 8L/min.



- 1) On/Off switch
- 2) Timer
- 3) Reset
- 4) Motor speed control
- 5) Green & red L.E.D
- 6) Charging Socket
- 7) Inlet
- 8) Fuse holder
- 9) Mast

### Set up

- 1) Fit loaded holder to connector on sampling tube.
- 2) Extend telescopic mast to approx. 1 metre above floor level.
- 3) Switch pump on using on/off switch
- 4) Connect filter head to a suitably calibrated flow metre and adjust motor speed control
- 5) Ensure time display reading is zero by pushing reset.

### Running

When the pump is switched on the timer will display the time elapsed in minutes. The green LED will be illuminated. This will continue until the pump is switched off.

When the pump stops the timer will display the elapsed time. If the pump is restarted the timer will begin to count from the time at which it stopped.

The display can be zeroed using the reset button.

Do not allow the battery to run flat.

### Charging

Do not turn on the charger until it is plugged into the charging socket

When the charger is plugged into the charging sockets a red LED will be illuminated.

When the battery is sufficiently charged the LED will change to green.

**It takes approximately 5 hours to completely charge the battery.**

### Fuse

The JD8T pump is fitted with a 2 amp slow blow fuse in the holder on the front panel (no. 8).

In the event of a motor fault or similar occurrence the fuse will blow.

Always consult an electrician before replacing a fuse. Should this happen repeatedly, please refer to your warranty manual.