

*Do not use the electronic cigarette till you have read and understood this document*

## Part 1

### “Using your electronic cigarette for the first time”



#### Step 1

Remove the dummy cartridge from the atomizer.

Then unscrew the atomizer from the battery

Then charge each battery for 4 hours, if the LED light on the charger goes green before 4 hours are up, do not remove the battery let it charge for the full 4 hours.

Now that your have charged the battery its time to move on to the next step.

#### Step 2

Take a cartridge from its box, then remove its plastic wrapper and silicone plug. If you take a look in side the cartridge, you will see another container with a wet piece of polyester wool, which is where the nicotine solution is stored.

Now screw the atomizer back onto the battery, and make sure you screw it tight so there is no gap between the atomizer and the battery.

Now put the cartridge back onto the atomizer and give the wick (**the protruding part from the atomizer**) a few minutes to absorb some of the nicotine solution before you use it, this is important.

Now feel free to use the electronic cigarette.

**Caution:** The 1<sup>st</sup> few drags do not always taste great as there is a primer fluid in the atomizer to keep it moist, do not worry it is safe and the taste will improve.

**Note:** Do not put your fingers over the air inlet holes when you inhale, they are those little open slits where the atomizer and battery join.

If you start tasting the nicotine solution in your mouth please read “**How to stop getting nicotine in your mouth**” on page 5.

## The best way to inhale an electronic cigarette.

The best way to smoke the device is to take a drag just hard enough to light up the LED at the front of the electronic cigarette, and then continue to suck steadily for about 4 seconds, while keeping that LED light on. Sucking really hard does not produce much more vapour.

## Why does it cut out sometimes?

If you inhale for more than 5 seconds the device might cut out and you may not be able to use it for 2 minutes, this is a safety mechanism, so you do not inhale too much nicotine, however this is very unlikely, if it does cut out just leave the device for 2 minutes then try again.

## Why am I not getting much vapour?

There are a few possible reasons:

- There is not enough nicotine solution making it to the heating coil. **Solution:** *drop the nicotine straight onto the heating coil under the wick .(see page 4 step 2)*
- You are not taking long enough drags. **Solution:** *Inhale longer*
- You are holding the vapour in too long, vapour is more easily absorbed by the lungs.
- The battery may be running low and there is not enough power to heat the coil to the correct temperature. **Solution:** *a charged battery*
- If you have had the atomizer for a while it could be getting clogged. **Solution:** See page 6 “Caring for and Cleaning the Atomizer”

## Part 2 “How to Section”

### How to refill your cartridges:

#### Step 1



Remove the smaller inside container from the cartridge with a paper clip or similar device by pushing through the small hole at the mouth end of the cartridge.

## Step 2



Using a syringe and needle extract the correct amount of nicotine into the syringe (0.3ml for M401) and (0.5ml for DSE 901)

## Step 3



Insert syringe into the smaller inside container, make sure you push the needle to the bottom of the container, then slowly press on plunger till the polyester wool is soaked, do not allow a pool of nicotine to form on top of the wool, if you do just absorb the excess fluid with a tissue or the syringe.

## Step 4

Place the small container back into the cartridge and push it down to the bottom. Then place cartridge back over the atomizer and allow the wick a minute or two to absorb the nicotine. Alternatively put the silicone stopper back into the cartridge and use when required. A refilled cartridge should give you between 4 and 5 cigarettes worth before requiring another refill.

## How to use the electronic cigarette with out refilling cartridges aka Dripping

This method is very popular, instead of filling up the cartridge, you just drip two drops straight onto the atomizer wick every time you feel like a smoke, two drops is about one cigarette.

### Step 1



Remove the cartridge from the atomizer

### Step 2



Drip 2 drops directly onto the atomizer wick

You may need to experiment here to see what works best for you, you should be getting about 11 - 15 drags per two drops, if not increase or decrease the amount of drops.

With the M401 you will need to drip slowly and make sure each drop is absorbed before adding the next one, if you drip too fast the nicotine could run down the side of the battery.

### Step 3

Put cartridge back onto atomizer and smoke. Repeat steps 1 and 2 when vapour diminishes. We suggest that if you are going to be using this method, then remove the small inside container from the cartridge with a paper clip [**Step 1 on page 2**] as it is no longer required or just put the dummy cartridge back on, this will improve the ease of the draw on the electronic cigarette.

**Another Method:** Pour some nicotine solution into an egg cup or shooter glass and then dunk the atomizer wick into the cup for a few seconds so that the wick can absorb the nicotine.

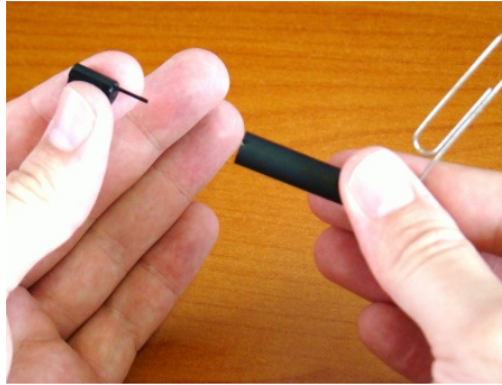
## How to stop getting nicotine in your mouth

First you need to understand how the nicotine gets into the mouth. There are two possible reasons.

1. You have a vacuum cleaner for a mouth, and you sucking to hard.
2. During shipping the cartridges get shook up and the fluid in the inner cartridge spills over into the air flow channel "**those half circle shapes inside the cartridge**", when you inhale the spilt fluid is sucked up the air flow channel and into the mouth. If this is happening follow the steps below to dry the cartridge out.

### Step 1

Remove the inner container by pushing a paper clip through the mouth end hole of the cartridge.



### Step 2

Get an ear bud or a tissue and roll the end up, see picture below. Insert the ear bud or tissue into cartridge and dry the cartridge out.



### Step 3

Dry the outside of the inner container with a tissue, try not to let the tissue touch the sponge.



#### Step 4

Insert the inner container and push back into place with paper clip.



#### Step 5

Hold the electronic cigarette upright (cartridge side up) for a few minutes before using, to let the wick absorb some nicotine fluid, then start as normal. If you still getting nicotine in your mouth repeat the above steps.

**Remember:** you should only be dragging hard enough to get the LED light to come on, and then inhale for about 4 seconds.

## Part 3

### “How to maintain your electronic cigarette”

Although the atomizers and batteries are not built to last forever there are a few things you can do to prolong their life expectancy.

#### Cleaning the Battery

After using your electronic cigarette for a few days you may start to notice a green or black substance building on the battery thread and head, we suggest you clean the battery every few days if required.

To clean, dab some cotton wool with surgical spirits or any other spirits and then wipe it clean.

## Caring for and Cleaning the Atomizer



To clean the atomizer we suggest that you give it a rinse every three days before going to bed, to clean grab the atomizer with some tweezers or tongs and rinse under a hot water tap for a few minutes (do not forget the plug), then blow into the battery end of the atomizer to remove any excess water, you could also use some compressed air to do this, then place the atomizer up side down in an egg cup or something similar with tissue paper in it and allow to drain and dry over night, in the morning you must put at least 3 drops onto the wick, then give it 10 minutes to be absorbed before using. There are other ways to clean the atomizer however we think this is one of the safest and easiest ways to clean it..

**Note:** It may take a good few drags to get the atomizer back into action again (20 to 40 drags)

## Why do atomizers break?

How long an atomizer lasts, has much to do with luck and the users understanding of how the atomizer works. I will try to explain.

The atomizer works like this:

The cartridge holds the nicotine solution, the metal wick on top of the atomizer absorbs the nicotine solution from the cartridge and transports it to a plastic or ceramic bucket under the wick, in the bucket there is a rod (or second wick) which goes across the middle of the bucket, and wrapped around this second wick is a fine wire called the heating coil.



(Pictures sponsored by Trog manufacture of the Screwdriver - Electronic Cigarette) Thanks Bud

Once the nicotine solution is draw into the bucket the second wick absorbs it, when you take a drag the heating coil glows red hot and vaporizes the nicotine solution in the second wick and produces the vapour that you inhale.

Now the nicotine has a second purpose here, the nicotine solution also acts as a coolant for the heating coil, so if the second wick is to dry the coil burns hotter than it should, if this happens to often it will become weaker and more fragile and is likely to break.

The best way to prolong the life of the coil / atomizer is to **1)** make sure it is always wet, by giving the second wick time to absorb the nicotine solution from the cartridge or the drops before you use it **2)** Do not smoke it till it gets dry, when the vapour production gets less, either add more drops or stop smoking. If you start to taste a funny metallic or burning taste when smoking you need to put more nicotine solution onto the wick.

### **Why does the atomizer performance drop over time?**

The atomizers performance will eventually drop i.e. produce less vapour over time, this is due to the second wick getting clogged with carbon, the carbon is deposited on the heating coil when the nicotine solution is vaporized, because the carbon is taking up space in the wick, it is no longer able to absorb as much nicotine and so the atomizer is unable to produce as much vapour.



(Pictures sponsored by Trog manufacture of the Screwdriver - Electronic Cigarette) Thanks Bud

**Tip:** Every week you can soak the atomizer in Coca-Cola for approximately 3 hours, the acid in Coca-Cola will help loosen carbon that has built up on the heating coil and this should prevent the heating coil from clogging up quicker than it should, do not forget to rinse the atomizer with water afterwards and dry as normal.

### **General things you should know about your device.**

- The battery should give you 4 -7 hours of use before recharging is required
- If you go into a night club with loud music playing it may activate the battery so we recommend you detach the atomizer from the battery till you are ready to use it.
- If you prefer filling your cartridges, you should know that it is ok to rinse out the polyester wool inside the cartridge with warm water if you want to, if it gets old you could buy some from a pet shop, it's the stuff they use in the fish tank filters.
- Sometime you may hear a whistling sound or a crackling sound coming from the atomizer, if you hear crackling it is most likely the nicotine boiling on the heating coil, and there is really nothing you can do about this. If you hear a whistling sound it is most likely the cartridge that is not a good fit on the atomizer sleeve, try changing the cartridge.

**If you still not sure about anything please feel free to call us on 087 808 2687**