#### Health and the IntelliCIG

#### Regular Cigarettes 'the facts'

Various scientific research has shown that cigarette smoke contains approximately 4.800 chemical substances & compounds, many of which are harmful to the human body, with 25 diseases directly related to smoking. The carbon monoxide, polycyclic aromatic hydrocarbon and nitrosamine in cigarette smoke are considered the most dangerous carcinogenic substances

Second-hand or passive smoking has allegedly caused serious health issues for men, women and children. Many countries have already or will soon be banning smoking in public places. A ban came into force in the UK on 1st July 2007.

The Electronic Cigarette is the result of research and development of a non-flammable cigarette substitute. You can use the Electronic Cigarette either to continue to enjoy your pleasure in a healthier manner or to quit smoking in a totally self managed way.

#### Chemicals in Regular Cigarettes

It has been found that there are approximately 4,800 chemicals in cigarettes and in the smoke they generate. Out of those 4,800 chemicals, 43 have been specifically identified to cause cancer.

This is only a 'sample' list of the chemicals ingested when you inhale a cigarette:

#### Non exhaustive list of Regular Cigarette Ingredients

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Listed bottom left is less than 20% of the ingredients of Cigarettes. What is most important is to realise that though many of these are approved by our Governments as additives for food very few if any have been tested by burning. It is the burning of many of these substances which changes their properties, most often for the worst! Well over 4000 chemicals are created by burning a cigarette, many of these are toxic and/or carcinogenic.

Lets look at just a small fraction of them:

Acetone: One of the active ingredients in nail polish remover.

Ammonia: A caustic agent used in fertilizers and household cleaners. Is added to enhance the flavour of a cigarette, but also helps the smoker to absorb more nicotine thereby enhancing addiction. Arsenic: Makes your lips burn and is responsible for giving you bad breath.

Benzopyrene: One of the most potent cancer-causing chemicals in the world. Found in coal tar and cigarette smoke.

Benzene: An industrial chemical and a constituent of gasoline. It is a group 1 carcinogen and

is responsible for causing leukaemia and aplitic anaemia. **Butane**: A key component of gasoline, it's highly flammable

Carbon Monovolde Acolourless, odourless gas, which starves the body of existing oxygen.

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Cadimum: Used in batteries and oil paint. It is a group 1 carcinogen. It dramages the development of the properties of the milk of nursing mothers.

Formaldehyde: Used in embalming (preserving tissue). Causes cancer and damages the lung.

Hydrogen Cyanide: A colourless poisonous gas. Short-term exposure causes headaches, dizziness, Lead: Of the heavy metal group. Stunts growth and damages the brain, kidneys and nervous

system. Lead is more easily absorbed in the growing bodies so children are particularly vulnerable. Exposure in children can result in development delays, lower IQ levels, shortened attention spans and increased behavioural problems

Methoprene: An insecticide used to kill fleas on your pets.

Mercury: A heavy metal, affects the central nervous system. Exposure causes tremors, memory Nickel: A heavy metal, affects the central nervous system. Exposure causes increased susceptibility

Nitric oxide: Produces short-term effects on airway activity. High concentrations can lead to acute

Phenol: Used in disinfectants and plastic. Exposure causes skin, eye, and mucus membrane

Propylene Glycol: Added by the tobacco industry to keep cheap tobacco from drying out. It also has been known to aid in delivery of nicotine to the brain.

Styrene: Found in insulation material. Causes headaches, fatigue, weakness, and depression.

Toluene: Embalmers glue, which is a central nervous system depressant. Exposure causes ataxia, tremors, cerebral atrophy, nystagmus, impaired speech, hearing and vision, headaches, dizziness and difficulty sleeping.

Turpentine: A toxic chemical used in paint stripper

#### Main Contents of IntelliCig Cartridge

	Main Ingredient	Content	FEMA/CAS No./CoE
1	Tobacco Essential Oil Virginia	<5%	Natural From Tobacco
2	Tobacco Absolute Virginia	<5%	Natural From Tobacco
3	Tobacco Absolute Burley	<5%	Natural From Tobacco
4	Orient Tobacco Absolute	<5%	Natural From Tobacco
5	Nicotine (from Tobacco Leaf)	<1-3%	Natural From Tobacco
6	BETAIONONE	<2%	2595/FDA172.515
7	LINALOOL	<2%	2635/000126-90-9
8	MENTHOL	<2%	2665/000089-78-1
9	Vanilla extract	<5%	008024-06-4
10	PURE WATER	<20%	7732-18-5
11	PROPYLENE GLYCOL	>50%	2940/57-55-6
12	GLYCEROL	<10%	2525/000056-81-5

Lets consider the main ingredients of the intelliCIG and their origins:

The main ingredient is

PROPYLENE GLYCOL (Approx 50%) which is an odourless and colourless viscous liquid, Propylene glycol is commonly used in food, cosmetics and medicines and as a food colouring and flavouring. It is also present in regular cigarettes used to maintain a dampness in the

GLYCEROL (Approx 8%) occurs naturally in the human body and is made during the hydrolysis of vegetable or animal fat or oil. It is used extensively in mouthwash, toothpaste, medicines and in nutritional

PURE WATER (Approx 18%) this needs little explanation! VANILLA (<5%) Comes from the plant 'Vanilla planifolia' which is used extensively in foods and scents.

MENTHOL (Approx 4%) is used extensively in sweets, chewing gum, and many other common use products. LINALOOL is a tertiary alcohol and has a pleasant, rose smelling scent.

It is used largely as a raw material in the production of Vitamin E. It is used often as a fragrance and flavour

If you would like further information please see the intelli-cig website.

## GUIDE START (

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info@intellicig.com email COM www.intellicig.





#### IntelliCIG Instruction Manual

#### Welcome

Thank you for buying the Intelli-Cig Electronic cigarette. We here at Intelli-Cig are confident it will meet and exceed your expectations. Congratulations for beginning to choose a healthier lifestyle, which also creates an environmentally friendly living space for your family. To ensure safe and efficient use please read this User's manual carefully before using the product in order to correctly and safely use it in accordance with the requirements herein. Keep this instruction book in good condition for possible reference in future. If this manual doesn't answer all your questions or if you wish to comment on this product, we would welcome your email.

#### Product Information

The Intelli-Cig Electronic Cigarette is a non flammable electronic vaporising device that uses microelectronics and micro atomizing technology to deliver a relatively harmless 'smoking' sensation. The cartridge contains high purity nicotine, extracted from tobacco which along with predominantly water and propylene glycol (a food additive) is vaporised instantly when inhaled. The addition of the propylene glycol in the cartridge provides a VAPOUR which closely resembles smoke. This 'water vapour' has no risk to the user or to persons around them. Unlike cigarette smoke which has a particulate content which is deposited all around, visible by the vellow stains and marks associated with smoking.

The essential differences between the Intelli-Cig Electronic Cigarette and regular cigarettes is:

NO TAR or other Carcinogenic substances or harmful ingredients, known to harm the human body.

NO LIT OR BURNING SUBSTANCE Hence no danger from the 4000+ substances produced when burning a regular cigarette.

HARMLESS to other people and the environment without any dangers of passive smoking

NO FIRE RISK since there is no burning or Lit substance.

TOTALLY LEGAL to use in any location and within any premises that introduced a ban on cigarettes with the introduction of the Health Act

#### Product Use

- 1. The components must be used properly and in accordance with the instructions to prevent any unnecessary malfunction and/or damage to the product.
- 2. Replace the Cartridge with a new one when the smoke or taste released reduces.
- 3. When the Blue indicator light at the front of the cigarette flashes 30 times, replace or recharge the battery.
- 4. Once completed the '5 easy steps to quit' method do not use cartridges containing nicotine.
- 5. If the product malfunctions in any way cease use immediately.
- Keep away from high temperatures
- 7. Keep the cigarette, its components and its cartridges out of reach of children at all times.
- 8. If after using this product you feel any adverse reaction stop using immediately.
- 9. Do not contact mucous membrane with cartridge contents.
- 10. Keep charged batteries safely and away from metal parts. Short circuiting of any battery with any metal articles can cause fire.
- 11. Use the Intelli-Cig electronic cigarette like you would a normal cigarette. i.e. 'smoke' the same length of time and frequency.
- 12. Conform to all local laws and regulations. Do not use whilst driving.
- 13. Protect the charger from damp conditions and do not use outdoors.
- 14 Do not use whilst driving
- 14. The charger when in use should always be placed away from flammable articles. Unplug the charger after use. Do not leave unattended for extended periods of time.

#### Persons permitted to use

Persons who regularly smoke.

Persons who ordinarily smoke but can't due to working in a 'no smoking' environment

Persons who smoke and wish to guit.

#### Persons who must not use

This product MUST NOT BE USED by persons under the age of 18. Persons that are allergic/sensitive to nicotine, pregnant women or breast feeding women or people with heart or other medical conditions should contact their doctor before using this product. Persons that do not ordinarily smoke. Persons who should avoid smoking on medical grounds.

#### How to use the Intelli-Cig

Step 1: Attach the vapour device to the battery by screwing clockwise. Step 2: Remove cartridge from packaging and remove the sealing plug.

Step 3: Plug the cartridge onto the battery.

Once the vapour device and cartridge is attached to the battery the intellicig is ready for use

The intelli-cig will function automatically when you inhale through the mouthpiece. At this point the indicator LED at the front of the battery will illuminate. As soon as you stop inhaling the device will switch to standby mode and the LED will extinguish. Always store the intelli-cig horizontally where possible to avoid liquid from within the cartridge from leaking into the mouthniece

On average a 'smoker' performs between 14 & 18 inhalations when smoking a regular cigarette. It is recommended that after inhaling the usual number of times you should stop smoking for about half an hour before 'smoking' again.

#### Cartridge Information

The cartridge contains highly purified nicotine. Nicotine is a natural alkaloid extracted from the tobacco leaf and/or other plants containing nicotine. Nicotine is one of the most addictive substances known and is a main ingredient that makes smokers addicted to the habit. When a person inhales a cigarette nicotine enters the blood within 7-10 seconds giving t The intelli-cig cartridge is free from the THOUSANDS of harmful substances within cigarettes and cigarette smoke such as TAR, CARBON MONOXIDE and many CARCINOGENIC SUBSTANCES.

The Intelli-Cig cartridge contains few ingredients all of which are far far less harmful than cigarettes. When inhaled the vapour chamber releases a small quantity of highly purity nicotine and water vapour. Upto now various independent testing establishments have indicated the electronic cigarette to be safe. Clearly there is always some risk in everything we do but when compared to the known risks of cigarettes it is relatively harmless.

Typically, assuming approx 15 inhalations using a regular cigarette, you can expect 1 cartridge to last the equivalent of 4 - 7 cigarettes.

#### Components of the IntelliCIG

#### IntelliCIG Parts Vapour Device Lithium Battery & micro-electronics Indicator Light

#### Cartridge

Unscrew - Turn to left Screw - Turn to right

The cartridge comprises a mouthpiece and a liquid container which contains dilutents which are in a state ready to be atomized. It does not contain products harmful to the human body like a regular cigarette. The mouthpiece and liquid container incorporated within are disposable.

There are 5 Levels of cartridge available each containing a different amount of nicotine: Very High. High, Medium & Zero.

# Cartridge

#### Battery / Micro-electronics

The internal Lithium Battery will provide a minimum of 300 charge cycles after which it must be replaced. Charge time 1 1/2 - 3 hours.

#### Vapour Device

The vapour device is a consumable product like the cartridges and must be replaced when exhausted. Typically the vapour device will last for about 6000 inhalations. It is a good idea to have a spare to avoid being without use of your electronic cigarette.

### Purchasing Cartridges

Our Cartridges are unique to intelli-cig. Do not assume that a 'regular' from another 'supplier' is the same as ours! IT IS NOT. If you search the Internet you will see that we are one of very few companies to actually produce our own product. Most sellers just buy in and sell out a box, at the most with there own brand printed on it!

We have invested a lot of time and resource to produce the intelli-cig which is probably why you are so impressed in its usel One of the most important things is the Cartridge and its contents. You will find many alternatives but we assure you our cartridge taste is unique to intelli-cig. We are so sure about our development and research that if you are not happy with any cartridges we offer a money back guarantee. Many cartridges supplied by other electronic cigarette suppliers are inferior and you will often find that in a pack of 5 cartridges 1 or 2 have leaked and are useless since they have lost their liquid content. You will see it all over your hands! We guarantee intelli-cia cartridaes will not leak!

> intelli-cig offer a range of cartridges available from your newsagent or the place where you purchased it. They are always available directly from us too!

FLAVOURS

Regular Tobacco Marlboro Menthol

Please see intellicig.com or your retailer for new flavours

STRENGTHS X High High Medium Low Zero CARTRIDGE PRICES

1 Cartridge = 5-10 Cigarettes

Please see intellicig.com or your retailer

Prices from 37p

#### Cost of smoking the intelli-cig

Lets take 3 months of smoking 20/day as an example

Regular Cigarettes:

3 x 30 days at £5.70/day = £513

intellicig Starter Kit = £29.99
Take worst case, 1 cartridge = 5 Cigs 20/day = 4 cartridges/day = 360ctrg in 90 days 360ctrg = 360 x 49p = £176 Assume 4 vapour devices at £6.99 ea (£27.96)

TOTAL £233.95 55% Saving

The above is for a HEAVY smoker taking maybe 20+ inhalations per cigarette! The average is about 14/cigarette. A lighter smoker making say 10 inhalations/cigarette would use half the cartridges and only 2 Vapour Devices in this time.

TOTAL £132 75% Saving

#### Battery & Charging Precautions

The charge time for the battery is 1 1/2 - 3 hours maximum. See indicator lights below for a description of charging status Simpy screw the battery finger tight into the charger



RED LED - Charging BLU/GRN LED - Charge

- 1. Keep battery/charger away from high temperatures.
- 2. Do not allow battery terminals to contact metal objects.
- 3. Do not dismantle or tamper with the battery or components.
- 4. If battery leaks and electrolyte contacts eyes do not rub. Rinse in plenty clean water immediately and seek medical help.
- 5. If the battery or components develop a peculiar smell, changes colour, deforms in any way or anything unusual happens whilst charging turn off the power supply immediately.
- 6. The charger is to be used only with the Intelli-Cig and no other batteries or electronic cigarette devices.

#### Indicator LED

- The LED will light when you inhale and go out when you stop inhaling.
- 2. If you regularly inhale more than 5 seconds the LED will flash for 15 seconds to advise you to 'slow down'!
- 3. When the LED flashes 10 times this indicates the battery needs recharging. As with most battery powered devices, the best

performance is obtained on a fully charged battery. You can charge any time between smoking.

4. As charging commences the LED will flash 10 times.

#### Smoking BAN & the LAW

Since July 2007 it has been illegal to smoke in many places throughout the UK. Not only has tobacco smoking been banned but also smoking of any other substance including herbal cigarettes.

Within Chapter 28 which incorporates the smoking ban, 'smoking' is

Within the Smoking ban, the definition of 'smoking' is defined as: "smoking refers to smoking tobacco or anything which contains tobacco, or smoking any other substance, and smoking includes being in possession of lit tobacco or of anything lit which contains tobacco, or being in possession of any other lit substance in a form in which it could he smoked "

The user of an electronic cigarette device is not included in this Act in any way as the device does not contain TOBACCO, neither is it LIT. nor does it produce any SMOKE. Only WATER VAPOUR IS PRODUCED.

You can smoke your intelli-cig legally in most places though education of pub landlords, restaurant managers etc is part of the enjoyment! This is why only the Intelli-Cig has a BLUE LED to show it is different from regular cigarettes.

Do not smoke your intelli-cig in dangerous places like petrol filling stations and other highly dangerous places. If in doubt ask!

#### **Accessories**





£9.99



MAINS UK USB ADAPTOR £7.99



£7.99

£7.99

£7.99





AVAILABLE FROM YOUR LOCAL SUPPLIER OR ONLINE



www.intellicig.com email info@intellicig.com

#### DECLARATION OF CONFORMITY

This Product is designed and manufactured to conform to the following standards:

www.intellicig.com

EN55022:2006, EN61000-3-2:2000 EN55014-1 :2000+A1 :2001+A2 :2002 EN61000-3-3: 1995+A1:2001+A2:2005 EN55014-2:1997+A1:2001 Directive 80/590/EEC & 89/109/EEC

ECE 2002/72/EC. EEC 85/572; 82/711, BS EN 601

Following the provisions of Directive 89/336/EEC, RoHS Directive 2002/95/EC WEEE Classification II

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