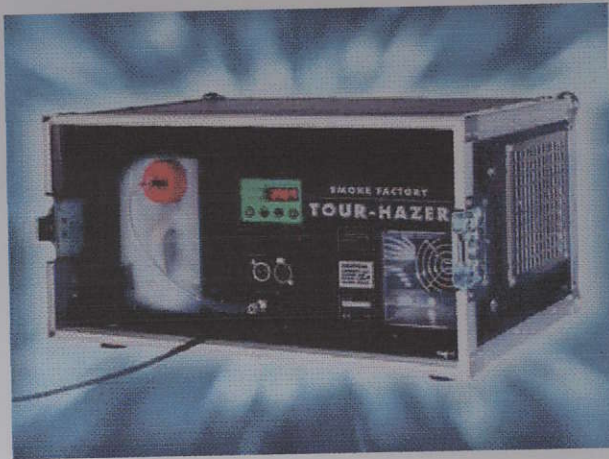


# SMOKE FACTORY

FOG GENERATORS • NEBELMASCHINEN



## TOUR-HAZER

Dear customer,

we sincerely hope that your future work with you SMOKE FACTORY haze machine will be successful and enjoyable. Thank you once again for your confidence in our product. Please take your time reading this manual carefully, to obtain the optimum performance from your equipment and to ensure the safety of yourself and those working with you.

### **Safety measures**

***A fog machine is not a toy!***

**Scalding hazard**

- The TOUR-HAZER jets hot steam! Keep the fog jets clear within a distance of 1,5m! Nothing should be situated within the 1,5m limit, especially no persons, animals, plants and non heat-resistant objects.
- Only use the TOUR-HAZER with Original SMOKE FACTORY TOUR-HAZER-FOG
- Never touch the nozzle while the machine is in operating
- Keep minimum of 60 cm to all flammable objects
- During operation small amounts of hot fluid-drops may emerge. Therefore you should make sure that these do not become a danger to anyone.
- Make sure that the visibility has more than 2 m in rooms where people walk around.
- Fog may activate smoke detectors.

Artificially made fog can be produced in many ways. The method used here to produce fog, with a device which works according to the vaporizer principle, is the most harmless one.

No case has so far been reported in which a human being has been harmed because of using our device to produce artificial fog. However, this can only be guaranteed if the professional fog generators are used accordingly, i.e. at the correct vaporization temperatures as well with the correctly mixed fog fluid.

We however, recommend: **Peopole with health problems or problems of the respiration tract or with inclination for allergies should avoid any contact with artificially made fog.**

### **Working with the TOUR-HAZER**

#### **Only use the TOUR-HAZER with Original SMOKE FACTORY**

**TOUR-AZER-FOG.** You will get this in 5-ltr. – or 25-ltr.-cans. You can put the 5-ltr.-can directly into the flightcase. Screw the 5.-ltr.-can lid with quick-connector-coupling onto the the 5-ltr.-can TOUR-HAZER-FOG. Put the fluid bottle into the case, push the brass coupling in to the brass collar until you will hear a "click". The brass collar is locked now.



## Choosing a good position

The place where you position the fog machine must be

- Dry
- Allow enough fresh air supply
- Have a non flammable surface
- Be vibration and shock-free
- Have a surrounding temperature between +5°C (+41° Fahrenheit and +45°C (+113° F)
- Have a relative humidity of less than 80%

You can use the TOUR-HAZER in vertical and horizontal position

Connect the mains supply plug to a 230V/50Hz socket. The warm up time will be approx. 1 min.

## Control choices

**Never connect the TOUR-HAZER to a dimmer or switchpack! This may destroy machine.**

## Stand-alone-use

In this use all data for pump and fan must be adjusted at the machine directly. You can do this by using the Up- and Down- Button.

You can choose between 1% and 99% for the pump and for the fan.

Push the menu button to change between pump power **Pxx**, fan power **Fxx** and DMX-address (**XXX**) (in DMX-mode).

Up- & Down – Button to adjust the wished power of fan and pump.

If you have reached the wished power push the enter button and the TOUR-HAZER will start to work. The Active-LED is active now. In this mode you always can change the power of pump and / or fan at the machine. To switch of the machine push the enter-button.

Because of cooling down, the fan will run although you stopped the machine by pushing the enter-button.

If you disconnect the mains power supply plug from the socket the fan will stop. But please make sure that there will be enough time to cool down the TOUR-HAZER.

### **Working in DMX-mode**

Connect the TOUR-HAZER to a DMX source (usually a DMX desk).

Push the enter button to get into the DMX mode (XXX). By using the Up- & Down-buttons choose the wished DMX-address between 1 and 511. To save the DMX-address push the enter button again. The machine will keep the address although when you remove the mains supply plug from socket.

**Be aware that the TOUR-HAZER will cover two successive DMX channels.**

The first channel is for the pump, the second one for the fan.

It is only possible to control the fan when the pump channel has a minimum of 1%, if not the fan will stop.

### **Operation hints**

- Only use SMOKE FACTORY TOUR-HAZER-FOG
- Make sure that the fan-lattice is not clogged with dust
- Make sure that the pump will not run dry. Control the fluid quantity inside the machine. (If you use the TOUR-HAZER on 99%-output it will run up to seven hours by one 5-ltr.-can)

## Technical data

Procedure: Haze maker based on vaporizing fog machine

Power requirement: 1600W, 230V/50Hz

Weight (without fluid): 15,2 kg

Fluid bottle capacity: 5 ltr.

Control choices: DMX512, Stand-alone

Warm up time: approx. 1 min

Temperature control: Electronically

Temperature fuse: Electronically temperature control and thermostat

Ambient temperature: 5°C to 45°C

Ambient humidity: max. 80% rel. humidity, not condensing



## **Trouble shooting**

- **E1** appears on the LED-display:

Please send the machine to us or your local dealer

- **E4** appears on the LED-display:

The machine is too hot. The heating switches off and the machine will cool down. **Solution:** Disconnect the machine from the main supply for a moment and then re-connect it.

### **The pump is running but no haze appears:**

- Control the fluid, is the bottle empty?
- Check if the brass collar is connected properly with the brass coupling
- Check if the fluid filter inside the bottle is blocked
- Check the fluid tube

### **The TOUR-HAZER stops during use for longer time:**

- The over temperature protection device is activated
- Check if the fan is blocked
- Is there enough fresh air supplied