



**Le Maitre® Ltd.**

**RESCUE 300**

**Operating Manual**

## **Safety and Cautions**

All electro-mechanical machines have the ability to cause injury, either mechanically or electrically. The user should be fully aware of the correct operational procedures involved in the use of this machine, and should feel comfortable about being in control of it.

All users should make themselves aware of any national or local restrictions to the use of these types of machines in applications involving public venues or areas.

Users should be aware of all regulations and advice on the use of Smoke and Haze machines.

The safe employment of this machine is strictly the responsibility of the user.

As with all vaporiser principle machines, exit nozzles will be very hot and capable of causing burns. Please take note of the warning labels.

Do not touch or obstruct these nozzles.

Under adverse conditions, tiny particles of hot fluid could issue close to the machine – never aim at persons or allow such operating conditions to occur, and maintain a 3m safety clearance.

The machine should be electrically earthed, and should never be operated or connected to an unsafe supply.

The machine should not be connected to a ‘noisy’ or spike laden power supply.

Spilled fluid or splashed fluid droplets can be a slip hazard. Comply with regulations when clearing or disposing of fluid.

Take note of any warning/advice notices attached to the fluid containers.

Do not operate the machine with any covers removed.

The machine should not be operated with smoke recycling through the ventilation system, as this could cause electronic failure.

## RESCUE 300 Specifications

<b>Power Source Requirements</b>	230VAC 2500W 50Hz Max
<b>Internal Fusing</b>	12 AT ceramic and 2 AT ceramic
<b>Fluid Capacity</b>	5 Litres
<b>Control</b>	Manual
<b>Typical Smoke Output</b>	1100 m <sup>3</sup> /min burst 500 m <sup>3</sup> /min continuous
<b>Machine Dimensions</b>	610 x 210 x 295 mm
<b>Weight (Fluid Not Included)</b>	18 kg

### Fluid Use

Only Le Maitre® Ltd Smoke Fluids should be used. Use of other fluid may cause incorrect operation and could cause toxicity issues.

Replacing fluid merely requires the changing the empty bottle for a new one. Use the screw lid to seal the used bottle and dispose of correctly. Re-filling the empty bottle is not advised as this can lead to the introduction of foreign particles which may reduce the efficiency of the external in-line filter. If it is felt that there is a reduction in the performance of the machine then this filter should be checked and cleaned. Never operate the machine with this filter removed.

Any spillage should be cleaned away. The fluid does not require anything other than a water based cleanser.

**The RESCUE 300 should not be run without fluid for any length of time as this will cause pump failure.**

**Fluid pump priming should be performed at the maximum smoke output, to ensure a quick and air lock free process.**

## **Operating Environment**

The RESCUE 300 is an electromechanical assembly containing electronic and mechanical devices. All such devices have reduced life spans under adverse temperature and humidity conditions.

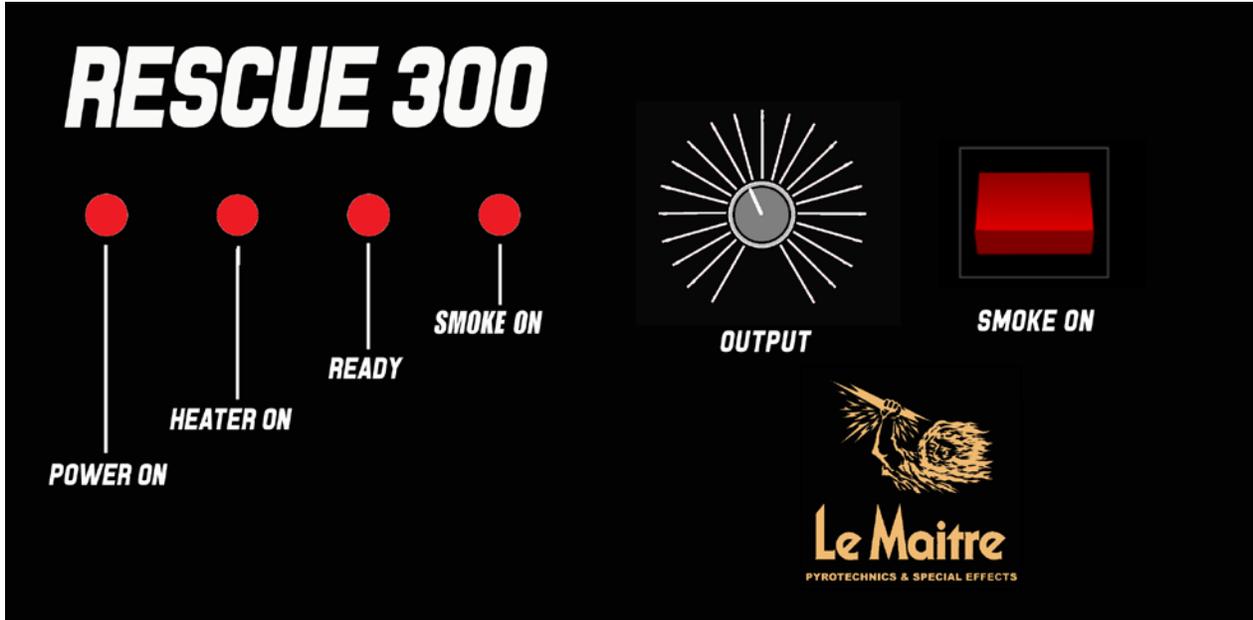
It is always wise to minimize 'risky' operating environments, and provide the machine with similar conditions as would be applicable to any other electronic apparatus.

Good conditions include.

Dry – Free from dust etc – stable – non vibrating – non flammable surroundings – well ventilated – 'normal temperature' - non smoke re-circulation area.

## Operation Instructions

The smoke output is adjusted using the control panel which is shown below.



### To operate

Turn on main power switch.

Turn off SMOKE switch.

The POWER and HEATER lights should turn on and the machine will begin to heat up.

It takes approximately 10 minutes for the machine to heat up fully.

When the minimum operating temperature is reached the READY light will turn on.

When the HEATER light goes off the machine is at its maximum temperature. The maximum smoke output is achieved at the maximum temperature.

To produce smoke, turn on the SMOKE switch.

The smoke output can be adjusted with the OUTPUT control dial.

## **Warranty**

The Le Maitre® Ltd Rescue 300 is sold with a one year's warranty, which includes parts and labour from the date of purchase. This warranty covers manufacturing defects, providing that the unit has been regularly serviced by an authorised agent and has only used genuine Le Maitre® fluid.

Le Maitre® Ltd considers all of its products to be safe for use in the application it was intended. Le Maitre® Ltd takes no responsibility for misuse or incorrect use. Always refer to the equipment owner's manual for proper use, and be aware of local legislation governing the product's use.

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