



Lemaitre Gforce 3 Smoke Machine

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| Power Source Requirements | 230VAC 2200 Watt 50Hz |
| External Fusing | 12AT ceramic |
| Internal Fusing | 500mA PCB transformer |
| Fluid Capacity | Detachable 5 Litres Bottle Carrier |
| Control | Manual or DMX |
| DMX 512 | 3 channels Output, Smoke On delay, Aux Fan |
| Typical Smoke Output | 1100 m ³ /min. 500 m ³ /min continuous |
| Machine Dimensions | L41 W29 H20 |
| Weight (Fluid Not Included) | 12Kgms |

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. Refilling 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.

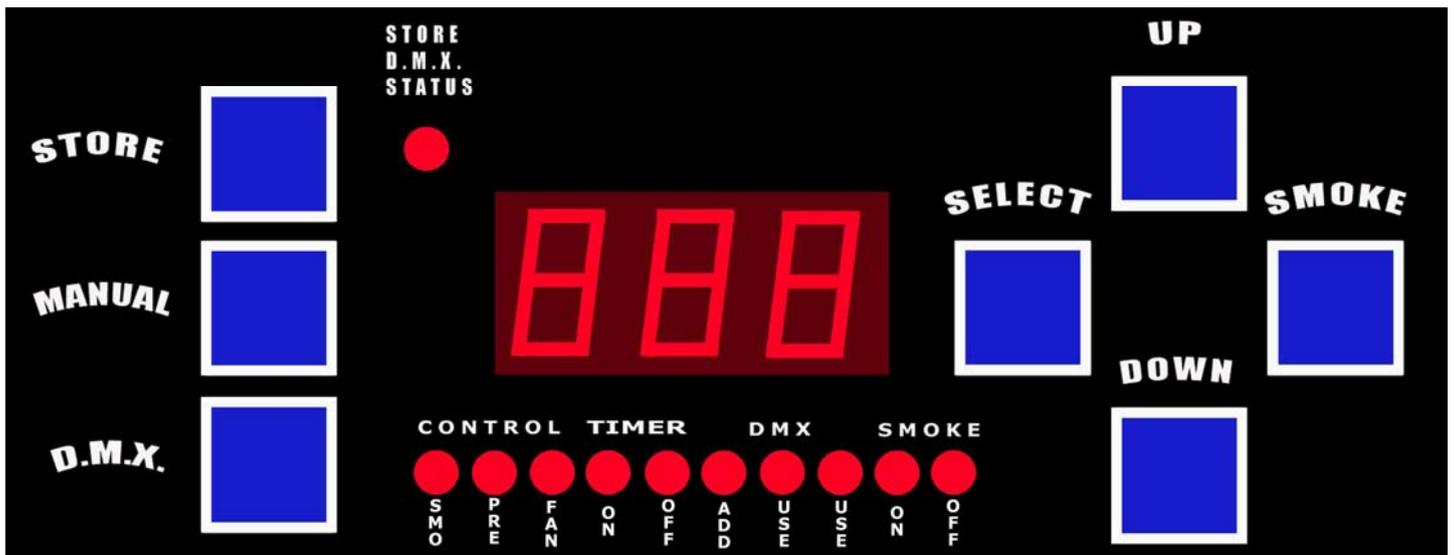
This machine should not be run without fluid for any length of time as this will cause pump failure.

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

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Operation Instructions

All features are adjusted and set up using the main control panel.



The 'SELECT' button will sequentially cycle through all the adjustable controls.

'Up' and 'Down' buttons will adjust the setting. If held down, they will auto step.

Pressing 'Manual' and 'Store' together will memorise the setting for when the machine is next switched on.

The 'Store/DMX' led reacts and blinks when a new value is stored.

The 'Smoke' on/off setting is stored along with the Smoke Output data.

CONTROL

Smoke Output : 0 – 99% variation

Smoke Pre – Delay : Time in seconds before actual smoke issue (FreezeFog use)

Fan : 0 - 99% phase control for Optional Fan control output.

TIMER

On : Timer for Smoke Issue or select not used

Off : Timer for Interval of non smoke issue or select not used.

DMX

Dmx : Selects the base DMX address

Use : option to use the next address for Pre-Delay or not

Use : option to use the next address for Fan Control

SMOKE : This button is a separate function switch and will control the smoke output regardless of the 'Selection' position.

The 'DMX' and 'MANUAL' buttons switch between these two modes of operation. It may be necessary to hold either of these buttons down a short while, so that the software loop is given time to react, particularly if in the DMX mode with no actual signal.

The 'Store/DMX' led reacts and blinks if DMX is selected when there is no signal. It will remain solid if a DMX signal is present.

How to set the DMX mode of operation as standard from 'power on' -
Disconnect all DMX signal leads from the machine. Select DMX mode and the status LED should be blinking. Now press the DMX and STORE buttons and wait for the Status LED to blink quickly several times. Check by turning the machine Off then On again. DMX mode should now be set. To revert to Manual use, just press the Manual button.

In DMX mode, the SELECT switch does not function, and all control is via DMX. If 'DOF' appears on the display, then a proper DMX signal is not being received. Selecting 'SMOKE' before switching to DMX will allow the display to show a response to the connected DMX signal data variation.

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By setting (in manual mode), the USE DMX channels to 'NO', these channels can be used by other equipment without affecting the machine.

To restore Manual mode operation from switch on, just press Manual and Store buttons and wait for the status LED to blink.

When heating from cold (approx 6 minutes for maximum performance), the display will indicate 'Heating up' and the heat exchanger temperature until the minimum working temperature is reached. (R.T.O. in approx 4 minutes)

At this point, if the Select position is on SMOKE, and the output is set to maximum, then the actual available output will be indicated.

At the SMOKE display position, the left LED digit 'bars' will indicate three levels of heat exchanger temperature. Low = 1 bar, Medium = 2 bars, High = 3 bars. At the 'settling' temperature, at which maximum performance is available, the horizontal and vertical bars will flash alternately.

If in doubt, please call Viking Stage Lighting:

Office Hours (01603) 401982

Out of Hours (07894) 758256 or (07770) 422112

If no Mobile Reception then email www.sales@vikinglighting.co.uk - monitored 24 hours a day