

LE MAITRE **SMOKE, HAZE** **& FLAMES**



Le Maitre®
PYROTECHNICS & SPECIAL EFFECTS

www.lemaitreltd.com

HAZE

LE MAITRE HAZERS FEATURE THE PATENTED S.T.A.R. TECHNOLOGY TO PRODUCE PURE AND CONSISTENT ATMOSPHERIC HAZE. WITH PRECISE CONTROL OVER THERMAL CONDITIONS AND FLUID DISPENSING, LE MAITRE HAZERS ARE CAPABLE OF PROVIDING A DRY OUTPUT, LONG HANG TIME, AND LIGHTING ENHANCEMENT THAT DOES NOT OBSCURE THE OBJECTS BEING LIT.

ALL LE MAITRE HAZERS USE THE SPECIALLY FORMULATED PUREHAZE FLUID, PRODUCING AN EXTREMELY DRY, NON-STICKY, LOW RESIDUE HAZE.

"The MVS system is probably the best hazer I have ever used. The haze coverage is excellent and hangs beautifully in the air. The MVS is also the most remarkably economic hazer I have ever witnessed. One small bottle is good for up to fifty 90-minute shows."
Tour Manager for Uriah Heep

MVS HAZER

Geared towards small to large sized venues, MVS is powerful and versatile. Two variable speed high power fans can be used to control the force and direction of the haze stream. There is even an oscillating mode for automated back and forth sweeping of the stream. Variable haze density, onboard DMX, and the ability to position the unit at any angle combine to form the most complete feature set of the Le Maitre hazer line.

MVS SMART

The MVS Smart features Internet of Things technology. Retaining all the core features of the MVS, the MVS Smart includes smart control and monitoring features, allowing the user to set up and control the hazer via their mobile phone or tablet.



FEATURES INCLUDE

- Dual high power variable speed fans
- Sweeping haze projection
- Low fluid consumption: up to 80cc/hr (30hrs/2.5L bottle)
- Onboard DMX 512 support
- Can operate in any position
- Includes a rugged, stowable multi-function mounting bracket
- Low power consumption
- Automatic self-cleaning upon power-up

SPEC

SIZE (mm): 340(H) x 160(W) x 340(D)
POWER: 230V; 50/60Hz; 350W; 1.5A
WEIGHT: 12kg
FLUID: PureHaze
ACCESSORIES: Bottle Carrier; Carrying Cases (with/without bottle carrier)

LE MAITRE HAZERS ARE KNOWN THROUGHOUT THE WORLD FOR PRODUCING SOME OF THE BEST HAZE FOR LIGHTING ENHANCEMENT. THE MINUTE SIZE AND CONSISTENCY OF THE HAZE PARTICLES PROVIDE MAXIMUM HANG TIME AND A HIGH DEFINITION EDGE TO AERIAL BEAMS. USED EXTENSIVELY IN VENUES FROM STUDIOS TO THEATRES TO STADIUMS, LE MAITRE HAZERS CAN ADD SIGNIFICANTLY TO THE IMPACT AND DRAMA OF LIGHTING AND LASER RIGS.

HAZEMASTER

HazeMaster is Le Maitre's most advanced and powerful hazer. With a massive output capacity, rugged construction, re-sealable bottle cap and maintenance reminders, HazeMaster has been designed specifically for the road. The positionable, built-in fan is powerful and engineered to eliminate condensation of haze on output. Intuitive controls and a 3 minute warm-up time help ensure HazeMaster is ready to go when needed.



FEATURES INCLUDE

- Tremendous output capacity
- High power variable speed fan
- Adjustable directional fan louvers
- Precise 2% resolution on fan and haze output control
- Fluid consumption: 750cc/hr (6.5hr/5L)
- Onboard DMX 512 support
- Rugged construction - designed for the road
- Rapid pre-heat time - ready to use in 3 minutes
- Highly efficient, low power consumption
- Robust, industrial grade air pump
- Direct access and accurate analog control
- Digital display
- Straightforward manual DMX addressing
- Local, manual DMX override mode
- Travel-ready re-sealable bottle cap
- Optional remote control

SPEC

SIZE (mm): 230(H) x 630(W) x 450(D)

POWER: 230V; 50/60Hz; 800W; 3.5A

WEIGHT: 25kg

FLUID: PureHaze

ACCESSORIES: Road Case

NEUTRON XS HAZER

The machine that set new standards for haze, Neutron remains one of Le Maitre's most popular products. Part of Neutron's success is the simple, straightforward controls. Switch it on and it quietly makes haze. Most suitable for small to medium sized venues.



FEATURES INCLUDE

- High power quiet single speed fan
- Low fluid consumption: 25cc/hr (100hrs/2.5L bottle)
- Low power consumption
- Automatic self-cleaning
- Optional DMX Interface

SPEC

SIZE (mm): 280(L) x 240(W) x 280(D)

POWER: 230V; 50/60Hz; 250W; 1A

WEIGHT: 11kg

FLUID: PureHaze

ACCESSORIES: DMX Interface; Carrying Case

SMOKE

LE MAITRE OFFERS A WIDE RANGE OF SMOKE MACHINES FROM HIGH POWERED WORKHORSES TO A HAND-HELD PORTABLE VERSION THAT CAN OPERATE UNPLUGGED. G300, GFORCE 2, AND GFORCE 3 CAN ALSO BE USED IN CONJUNCTION WITH FREEZEFOG PRO CHILLERS TO CREATE DRAMATIC, GROUND HUGGING LOW-LYING EFFECTS.

G300

Le Maitre's flagship smoke machine is rugged, versatile, and has very high output. G300 is a dual-mode machine, offering water based smoke and haze. Designed to perform in the most demanding of applications, G300 is the machine of choice among touring, rental, theme park, and cruise ship customers. The Freeze fog and the LSG can be controlled directly via the integral power port.



G300 SMART

Featuring Internet of Things technology, the G300 SMART retains the core features of the G300 as its foundation. It has an onboard, redesigned control panel with an easy to read backlit LCD display for improved user interaction. Having Wi-Fi on board gives the user a whole new level of flexibility. Machine diagnostics can be accessed via a mobile phone or tablet, allowing the user to diagnose and debug any errors with the device wirelessly. The user can also turn the machine on and off, and set up and control the interval, duration, flow level and pre-delay times wirelessly.



FEATURES INCLUDE

- Massive smoke output @ 51000 cbm/hr
- Fluid consumption 1.5cc/s (cont); 8cc/s (burst) (55mins/5L bottle)
- Integral power port for the Freeze fog Pro / LSG
- User programmable, pre-chill time for Freeze fog Pro / LSG triggering
- Comes with timer remote control
- Optional DMX interface - 2 channel
- Optional AUX port for external fan control

SPEC

SIZE (mm): 260(H) x 290(W) x 610(D)

POWER: 230V; 50/60Hz; 2.2kW; 10A

WEIGHT: 25kg

SMOKE FLUIDS: Global Deluxe, Quick Dissipating, Low Smoke, Industrial, EZ KLEEN

HAZE FLUID: C-Beam Regular Haze

ACCESSORIES: DMX Remote; Road Case; ducting adapter; AUX port

MINI MIST

A robust hand-held aerosol smoke machine using a water based smoke fluid canister to create a thick fog effect. Ideal for TV and film, as well as the emergency services for training exercises.



FEATURES INCLUDE

- Maximum smoke output 10,800 cbm/hr
- Fluid consumption 1.2cc/s (max) (55mins/5L bottle)
- Provides approx. 6 x 1 minute bursts per 404ml canister
- Portable hand held smoke machine
- Can operate unplugged for up to 20 minutes

SPEC

SIZE (mm): 315(H) x 145(W) x 230(D)

POWER: 230V; 50/60Hz; 1kW; 5A

WEIGHT: 9kg

FLUID: Global Deluxe Smoke Fluid Canister

FROM STAGE AND FILM, TO SPORTING EVENTS, TO THEME PARKS AND FIRE SAFETY TRAINING, LE MAITRE OFFERS SMOKE MACHINES FOR EVERY OCCASION.

All our Smoke, Haze & Flame machines are manufactured in the UK

GFORCE RANGE

The Le Maitre GForce range of high powered, continuous flow, water based smoke machines are all based on the core technologies of G300.

GFORCE 3

FEATURES INCLUDE

- Massive smoke output - 51000 cbm/hr
- Fluid consumption 1.5cc/s (cont); 8cc/s (burst) (60mins/5L bottle)
- Removable bottle carrier on rear of machine
- Onboard DMX 512 support
- Onboard, user programmable, time on / time off
- Onboard, user programmable, pre-chill time for Freezefog Pro / LSG triggering
- Integral power port for Freezefog Pro / LSG
- Comes with timer remote control
- Optional AUX port for external fan control - with Onboard, user programmable control

SPEC

SIZE (mm): 270(H) x 290(W) x 430*(D) (*550mm with bottle carrier)

POWER: 230V; 50/60Hz; 2.2kW; 10A

WEIGHT: 16kg

ACCESSORIES: Road Case; ducting adapter; AUX port



GFORCE 2

FEATURES INCLUDE

- Maximum smoke output - 25000 cbm/hr
- Fluid consumption 1.5cc/s (cont); 4cc/s (burst) (60mins/5L bottle)
- Removable bottle carrier on rear of machine
- Onboard DMX 512 support
- Onboard, user programmable, time on / time off
- Onboard, user programmable, pre-chill time for Freezefog Pro / LSG triggering
- Integral power port for Freezefog Pro / LSG
- Comes with timer remote control
- Optional AUX port for external fan control - with Onboard, user programmable control

SPEC

SIZE (mm): 270(H) x 290(W) x 430*(D) (*550mm with bottle carrier)

POWER: 230V; 50/60Hz; 2.2kW; 10A

WEIGHT: 14kg

ACCESSORIES: Road Case; ducting adapter; AUX port



GFORCE 1

FEATURES INCLUDE

- Maximum smoke output - 19000 cbm/hr
- Fluid consumption 0.75cc/s (cont); 3cc/s (burst) (112mins/5L bottle)
- Standard and DMX models
- Comes with timer remote control

SPEC

SIZE (mm): 270(H) x 290(W) x 430*(D) (*550mm with bottle carrier)

POWER: 230V; 50/60Hz; 1.1kW; 5A

WEIGHT: 12kg

ACCESSORIES: Road Case; ducting adapter



ALL GFORCE MACHINES USE THE FOLLOWING FLUIDS: GLOBAL DELUXE, QUICK DISSIPATING, LOW SMOKE AND EZ KLEEN

LOW SMOKE

LE MAITRE OFFERS TWO SYSTEMS FOR PRODUCING LOW-LYING SMOKE EFFECTS, A ROBUST LIQUID CO₂, LOW SMOKE GENERATOR AND A COMPACT, PORTABLE DRY ICE MACHINE.

FREEZEFOG PRO

The system of choice on stages, in showrooms, studios, clubs and parks, FreezeFog Pro is an LCO₂ chiller that creates a dramatic, controllable low-lying smoke effect when used in conjunction with a G300, GForce 2, or GForce 3 smoke machine and specially formulated Le Maitre smoke fluids.



FEATURES INCLUDE

- Smoke output 41000 cbm/hr
- Modular, quick disconnect fitting for LCO₂
- CW and CCW sockets for powercon tether from smoke machine
- Accommodates both low and high pressure LCO₂ in a single unit

SPEC

SIZE (mm): 635(H) x 490(W) x 610(D)
POWER: Tethers to G300, GForce 3 or GForce 2
WEIGHT: 17.5kg
FLUIDS: Low Smoke
ACCESSORIES: Road Case

PEA SOUPER

The industry standard for theatres and churches, Pea Souper is ruggedly constructed and portable. With straightforward operation and variable output, Pea Souper is convenient and capable.



FEATURES INCLUDE

- 9kg/20lbs of dry ice provides approx. 5 mins of effect. (18kg/40lbs before reheating required)
- Lightweight
- Built-in thermal safety cut-off
- Adjustable flow rate - 4 levels

SPEC

SIZE (mm): 470(H) x 500(W) x 685(D)
POWER: 230V; 50/60Hz; 2.4kW; 11A
WEIGHT: 11kg

LE MAITRE'S PEASOUPER AND FREEZEFOG PRO ARE IDEAL FOR CREATING LOW-LYING SMOKE EFFECTS ON STAGES, IN TV STUDIOS, AT NIGHT CLUBS AND AT THEME PARKS.

FLAMES

CHOOSE BETWEEN FLAME COLUMNS, BALLS, BURSTS OR CHASES.

SALAMANDER & SALAMANDER QUAD PRO

Canister-based flame effects producing lightning fast chases. Salamander produces single continuous flame or flame bursts up to 4m high. The SQP can produce flames up to 7.5m high when all 4 canisters are fired simultaneously. A unique safe firing system with a tilt safety switch, ignitor monitoring and no internal valves or accumulators. Flames available in natural, red or green.



NEW WIRELESS SALAMANDER QUAD PRO

A battery powered version of the SQP, with integrated wireless COBRA firing systems technology. With an internal chargeable battery and no running cables it can simply be put in place and switched on, making it easy, quick and safe to use.



CHAMELEON

A canister-based flame effect producing a propane style flame up to 4m, or up to 90 seconds of continuous flames. Has mini internal accumulator, onboard DMX and tilt safety.



FAKE FLAME

Creates the illusion of real gas flames, but uses absolutely no flammable products. Extremely cost effective, it projects coloured light onto a swirling screen of vapour to create a very realistic artificial flame. Creates a 1.2m wide fire effect and can be placed on stage or mounted flush under the stage.



For further information and technical specs visit www.lemaitreltd.com/flames

FROM STEAM SIMULATIONS TO LOW-LYING FOG, TO LINGERING HAZE, LE MAITRE'S SMOKE AND HAZE FLUIDS FIT A WIDE VARIETY OF APPLICATIONS. THEATRES, PRODUCTION COMPANIES, ARENAS, THEME PARKS, CRUISE SHIPS, EVENT ORGANISERS, THE MILITARY AND THE EMERGENCY SERVICES ACROSS THE GLOBE RELY ON LE MAITRE FOR REALISTIC AND SAFE SMOKE AND HAZE EFFECTS.

WATER BASED SMOKE FLUIDS



GLOBAL DELUXE SMOKE FLUID

Produces a thick, white, practically odourless smoke with a medium hang time. It delivers a premium effect which can be used in all our smoke machines. Available in 5L, 200L and 400ml canisters.



LOW SMOKE FLUID

Specially formulated to produce a low-lying effect in conjunction with Freezefog Pro, LSG and LSX chillers. Available in 5L & 200L.



INDUSTRIAL SMOKE FLUID

Specially formulated for use by the Emergency Services for breathing apparatus and fire safety training. Available in 5L and 200L.



QUICK DISSIPATING SMOKE FLUID

Helps to dissipate smoke quickly and where smoke rising too quickly could be an issue. Also ideal for steam effects. Available in 5L and 200L.



EZ KLEEN

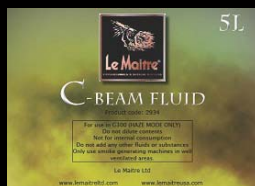
Preventative Maintenance Fluid for Le Maitre Smoke Machines. Not for use in Haze machines. Available in 5L & 200L. Use on a regular basis to reduce blockages and ensure a longer life for heat exchangers.

HAZE FLUIDS



PUREHAZE FLUID

This high performing sugar-based haze solution is formulated to produce very dry and very long-lasting haze. Available in 2.5L, 5L and 200L.



C-BEAM HAZE FLUID

Exclusively formulated for use in G300 in Haze Mode. Produces dry, long lasting haze. Available in 5L & 200L.

FLAME FLUIDS



FLAME CANISTERS

Specially formulated for use in Salamander, Salamander Quad Pro and Chameleon flame machines. Available in 500ml canisters in natural, red and green.



COMETFLAME FLUID

Providing deep, rich colours, it is made specially for the CometFlame, although it may also be used in other machines. Available in 2.5L containers in blue, green, purple and yellow.

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All our smoke, haze & flame machines and fluids are manufactured in the UK