

LE MAITRE **SMOKE & HAZE**



Le Maitre®
PYROTECHNICS & SPECIAL EFFECTS

www.lemaitreusa.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.

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.



"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

FEATURES INCLUDE

- Dual high power variable speed fans
- Sweeping haze projection
- Low fluid consumption: up to 80cc/hr (31 hrs/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: 13.5"(H) x 6.44"(W) x 13.38"(D)

POWER: 120V; 50/60Hz; 350W; 3A

WEIGHT: 31lbs

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 (5hr/4L)
- 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: 9"(H) x 25"(W) x 17.5"(D)
POWER: 120V; 50/60Hz; 800W; 8A
WEIGHT: 55 lbs
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 (80hr/2L bottle)
- Low power consumption
- Automatic self-cleaning
- Optional DMX Interface

SPEC

SIZE: 10.63"(L) x 9"(W) x 11.25"(D)
POWER: 120V, 50/60Hz, 250W, 2A
WEIGHT: 23lbs
FLUID: PureHaze
ACCESSORIES: DMX Interface; Carrying Case

ECOHAZER

The EcoHazer is the most energy efficient water-based hazer on the market. Incredibly efficient and environmentally friendly, it produces pure and long-lasting haze using just 100-150W. That's a tenth of the consumption of other similar output machines.

Ideal for small to medium sized venues, operation is either manual or via intelligent, self-detecting 2-channel DMX. The fan is adjustable from 0-90° and a 3-digit LED clearly displays settings. The EcoHazer takes just 5 minutes to heat up and then it's ready to go.



FEATURES INCLUDE

- Continuous output haze
- Efficient and self-regulating ceramic heat exchanger
- Low fluid consumption: 2-50cc/hr (1000hrs - 40hr/2L bottle)
- Very low power consumption: 100-150W
- Quiet operation
- Environmentally friendly

SPEC

SIZE: 10"(H) x 9.5"(W) x 15"(D)
POWER: 120V; 50/60Hz; 150W; 6.3A
WEIGHT: 18lbs
FLUID: PureHaze

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 Freezefog 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) (45min/4L bottle)
- Integral power port for the Freezefog Pro / LSG
- User programmable, pre-chill time for Freezefog Pro / LSG triggering
- Comes with timer remote control
- Optional DMX interface - 2 channel
- Optional AUX port for external fan control

SPEC

SIZE: 10.5"(H) x 11.5"(W) x 24"(D)

POWER: 120V; 50/60Hz; 1.8kW; 15A

WEIGHT: 50 lbs

SMOKE FLUIDS: Standard, Global Long Lasting, Quick Dissipating, Extra Quick Dissipating, Molecular, 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) (1.5hr/4L 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: 8.88"(H) x 5.63"(W) x 12.94"(D)

POWER: 120v, 50/60Hz, 1kW, 9A

WEIGHT: 11lbs

FLUID: 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.

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) (45min/4L 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: 10.5"(H) x 11.625"(W) x 18"(D) With Bottle Carrier: 10.5"(H) x 11.625"(W) x 21.5"(D)

POWER: 120V; 50/60Hz; 1.8kW; 15A

WEIGHT: 35lbs

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) (45min/4L 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: 10.5"(H) x 11.625"(W) x 18"(D) With Bottle Carrier: 10.5"(H) x 11.625"(W) x 21.5"(D)

POWER: 120V; 50/60Hz; 1.8kW; 15A

WEIGHT: 31lbs

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) (1.5hr/4L bottle)
- Standard and DMX models
- Comes with timer remote control

SPEC

SIZE: 10.5"(H) x 11.625"(W) x 18"(D) With Bottle Carrier: 10.5"(H) x 11.625"(W) x 21.5"(D)

POWER: 120V; 50/60Hz; 1.1kW; 10A

WEIGHT: 25lbs

ACCESSORIES: Road Case; ducting adapter



ALL GFORCE MACHINES USE THE FOLLOWING FLUIDS: STANDARD, GLOBAL LONG LASTING, QUICK DISSIPATING, EXTRA QUICK DISSIPATING, MOLECULAR, EZ KLEEN

LOW SMOKE

LE MAITRE OFFERS TWO SYSTEMS FOR PRODUCING LOW-LYING SMOKE EFFECTS, A ROBUST LIQUID CO2 CHILLER 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: 24"(H) x 19.25"(W) x 25.25"(D)
POWER: Tethers to G300, GForce 3 or GForce 2
WEIGHT: 39lbs
FLUIDS: Molecular, Quick Dissipating, Extra Quick Dissipating
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

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

SPEC

SIZE: 18.75"(H) x 19.25"(W) x 22"(D)
POWER: 120V; 50/60Hz; 1.5kW; 13A
WEIGHT: 19 lbs

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.

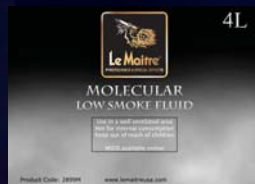
WATER BASED SMOKE FLUIDS

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



GLOBAL LONG LASTING SMOKE FLUID

Produces a thick, white, odorless smoke with a very long hang time. Used by theatre directors, clubs and theme parks. Available in 4L, 20L, 204L.



MOLECULAR LOW SMOKE FLUID

Specially formulated to produce a low-lying effect in conjunction with Freezefog Pro, LSG and LSX chillers. Available in 4L, 20L, 204L.



STANDARD SMOKE FLUID

Produces a thick, white, odorless smoke with a medium hang time. Used for over 35 years by theatre directors for a great stage effect. Available in 4L, 20L, 204L & MiniMist 400ml canisters.



EZ KLEEN

Preventative Maintenance Fluid for Le Maitre Smoke Machines. Use on a regular basis to reduce blockages and ensure a longer life for heat exchangers. Not for use in Haze machines. Available in 4L.



QUICK DISSIPATING SMOKE FLUID

Specially formulated to produce a low-lying effect in conjunction with Freezefog Pro, LSG and LSX chillers. Quicker Dissipation than Molecular. Also ideal for steam effects. Available in 4L, 20L, 204L.



INDUSTRIAL SMOKE FLUID

Mainly used by the Emergency Services for BA and fire safety training. Produces a dense white smoke with a long hang time. Available in 4L, 20L and 204L.



EXTRA QUICK DISSIPATING SMOKE FLUID

Produces a low-lying effect in conjunction with Freezefog Pro, LSG and LSX chillers. Much Quicker Dissipation than Molecular. Ideal for steam effects, resembling liquid CO₂ bursts. Available in 4L, 20L, 204L.

WATER BASED HAZE FLUIDS



PUREHAZE FLUID

This sugar-based haze solution is formulated to produce very dry and very long-lasting haze. Available in 2L, 4L, 20L and 204L.



C-BEAM REGULAR HAZE FLUID

Exclusively formulated for use in G300 in Haze Mode. Produces dry, long lasting haze. Available in 4L, 20L, 204L.



Le Maitre®

PYROTECHNICS & SPECIAL EFFECTS

Le Maitre USA, LLC, 13975 Grand Valley Parkway, Las Vegas, NV 89165, USA

TEL: +1 (702) 843-5080 **FAX:** +1 (702) 843-5070 **EMAIL:** info@lemaitreusa.com **WEB:** www.lemaitreusa.com