



Le Maitre[®]

PYROTECHNICS & SPECIAL EFFECTS

**PRODUCT
RANGE**

www.lemaitreltd.com



Le Maitre®

OVER 35 YEARS OF EXPERIENCE

For over 35 years, Le Maitre has been one of the world's leading innovators and manufacturers of pyrotechnics, smoke and haze machines and special effects.

Le Maitre is continuously developing state of the art products, in full compliance with industry regulations, and combined with excellent service back-up, is the preferred supplier of theatres, touring companies, the TV & Film industry and corporate customers around the globe.

Le Maitre's international distributor network of over 100 professional companies, is second to none. From initial advice through to purchase and after-sale service they can always be relied upon. A full list of distributors can be viewed on the website.

Pyroflash®

PYROFLASH PYROTECHNICS

PyroFlash is a simple, easy to use plug-in and play cartridge system for semi-pro users. Designed for indoor use, PyroFlash is an ideal system for venues such as theatres and discos. All Le Maitre PyroFlash cartridges and firing systems require the use of a Flash Pod.

Flash Pods are designed with both 3-pin Bulgin and quick connectors. Alternatively, a Twin Pod - a double Flash Pod, can be used for firing two effects individually using the channel selector switch on the PyroFlash 6/24 Controller.



prostage® II

PROSTAGE II PYROTECHNICS

ProStage II is Le Maitre's professional range of pyrotechnics designed for both indoor and outdoor use at large, more complex events. They are supplied ready for wiring to pyro circuits.



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LE MAITRE

PYROFLASH PYROTECHNIC RANGE

GERBS



MINI GERBS

A plume of sparks available in various colours, durations and heights.

DIMENSIONS Silver & 3 Second Silver: 12ft(H) x 6ft(W)

3 Second Reduced Height: 8ft(H) x 6ft(W)

Shimmer: 8ft(H) x 4ft(W)

Flitter & Coloured: 12ft(H) x 4ft(W)

Gold: 12ft(H) x 8ft(W)

COLOURS Green; Red; Silver; Gold; Shimmer; Flitter

DURATION 3 Second Silver & Reduced Height - 3 seconds; Long Duration - 12 seconds;

Others - 7 seconds

FALLOUT Hot

WEIGHT (NEQ) Silver: 15g; Shimmer, Flitter, Gold, Coloured: 12g

FIRING ANGLE Vertical with Flash Pod



SILVER JET

A dense plume of silver sparks reaching up to 20ft high, with no bang and very little smoke.

DIMENSIONS Standard: 20ft(H) x 6ft(W); Reduced Height: 12ft(H) x 6ft(W)

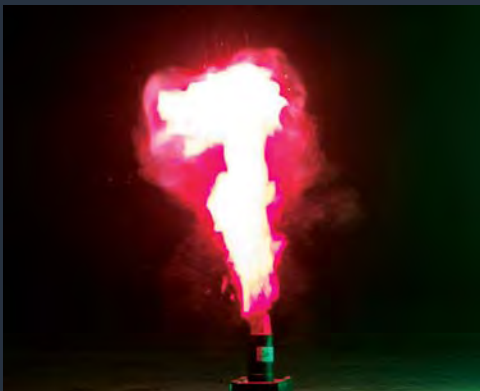
DURATION Instant

FALLOUT Hot

WEIGHT (NEQ) 4g

FIRING ANGLE Vertical with Flash Pod

FLAMES



MINI FLAME PROJECTORS

A column of flame approximately 4ft high by 6" wide. Available in orange, red or green.

DIMENSIONS 4ft(H) x 6"(W)

COLOURS Orange; Green; Red

DURATION 2 seconds

FALLOUT None

WEIGHT (NEQ) 17.5g

FIRING ANGLE Vertical with Flash Pod



SMALL FLAME PROJECTOR

A column of orange flame that projects to 6ft high.

DIMENSIONS 6ft (H) x 8"(W)

DURATION 4 seconds

FALLOUT None

WEIGHT (NEQ) 30g

FIRING ANGLE Vertical with Flash Pod

COLOURED STARS

A coloured flash and silver stars project in all directions to a distance of up to 6ft.

DIMENSIONS 6ft(H) x 4ft(W)

COLOURS Green; Red; Amber

DURATION Instant

FALLOUT Hot

WEIGHT (NEQ) 3g

FIRING ANGLE Vertical with Flash Pod

OPTIONS Coliseum Adaptor - changes the shape of the effect into a column



GOLDEN STAR

A mushroom cloud of smoke with thousands of tiny golden stars reaching a height of 8-10ft. It is ideal for a more subtle effect in low ambient light or for TV cameras.

DIMENSIONS 8-10ft(H) x 3-4ft(W)

DURATION Instant

FALLOUT Possible

WEIGHT (NEQ) 8.5g

FIRING ANGLE Vertical with Flash Pod



SILVER STAR

A dense plume of silver sparks reaching up to 13ft high, followed by a pure white mushroom cloud of smoke that rises upwards.

DIMENSIONS Small - 7ft(H) x 3ft(W); Medium - 10ft(H) x 8ft(W); Large - 13ft(H) x 12ft(W)

DURATION Instant

FALLOUT Hot

WEIGHT (NEQ) Small 1.2g; Medium 5g; Large 10g

FIRING ANGLE Vertical with Flash Pod

OPTIONS Coliseum Adaptor - changes the shape of the effect into a column



THEATRICAL FLASH

A brilliant white flash followed by a pure white mushroom cloud of smoke that rises upwards.

DIMENSIONS (Flash) - Small 3ft(H) x 3ft(W); Medium 4ft(H) x 4ft(W); Large 5ft(H) x 5ft(W)

COLOURS White; Green; Red; Amber; Also available in White with Loud & Extra Loud Reports

DURATION Instant

FALLOUT None

WEIGHT (NEQ) Small - 1.2g; Medium - 4g; Large - 7g

Colours, Loud Report, Extra Loud Report - 3g;

NOISE 86-90dB; Loud - 117dB; Extra Loud - 122dB at 5m indoors

FIRING ANGLE Vertical with Flash Pod



PYROFLASH PYROTECHNIC RANGE

MINES



GLITTER STAGE MINES

A plume of gold glitter stars approximately 8-10ft wide is propelled upwards to a height of approximately 18-20ft with minimal noise and some smoke. Also available with Crackle, which is a noisier version.

DIMENSIONS 18-20ft(H) x 8-10ft(W)

DURATION Instant

FALLOUT Hot

WEIGHT (NEQ) 8g

NOISE 99dB (Crackle) at 5m indoors

FIRING ANGLE Vertical with Flash Pod



MICRO MINES

A directional burst of brightly coloured stars projected to a maximum height of 14ft with minimal noise.

DIMENSIONS 10-14ft(H) x 6ft(W)

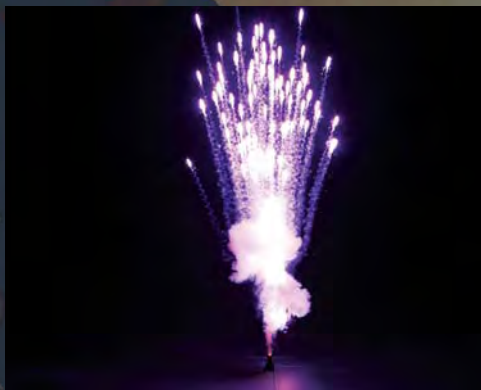
COLOURS Silver; Red; Green; Blue; Purple; Orange; Yellow; White and Flitter

DURATION Instant

FALLOUT None

WEIGHT (NEQ) 5g

FIRING ANGLE Vertical with Flash Pod



PYROFLASH 15/20FT MINES

A directional burst of brightly coloured stars projected to a maximum height of 20ft.

DIMENSIONS 15-20ft(H) x 15ft(W)

COLOURS Silver; Red; Green; Blue; Purple; Orange; Yellow; White; Flitter; Red with Tail; Orange with Tail; Yellow with Tail; Multi-colour. Also available with crackle in all colours

DURATION Instant

FALLOUT Some possible with tail versions

WEIGHT (NEQ) 7g

FIRING ANGLE Vertical with Flash Pod

COLOURED SMOKES



COLOURED SMOKES

A thick plume of dense smoke lasting 5-7 seconds (Medium) or 25-30 seconds (Large).

Colours contain a dye, which can stain.

COLOURS Blue; Green; Red; White; Orange; Violet; Yellow; Grey/Black

DURATION Medium: 5-7 seconds; Large: 25-30 seconds

FALLOUT Coloured smokes can stain

WEIGHT (NEQ) Medium: 6.5g / Large: 19.6g

FIRING ANGLE Vertical with Flash Pod

PROJECTED GLITTER / CONFETTI / STREAMERS

CONFETTI CARTRIDGES

A bang followed by a cascade of Confetti or Chinese Confetti, projected to a height of 25-30ft. The confetti is made of strips of paper which twist and turn as they float slowly to the ground.

DIMENSIONS 25-30ft(H)

COLOURS Chinese Confetti: Blue; Green; Red; White; Orange; Pink; Purple; Black; Yellow; Multi; Blue/Red/White

Confetti: White; Multi

DURATION Instant

FALLOUT None

WEIGHT (NEQ) 0.35g

NOISE 95dB at 5m outdoors

FIRING ANGLE Any - Use Variable Angle Pod & Fixing Clamp. Ensure that the Pod is firmly fixed down so that it cannot move or fall when the products are fired



LARGE GLITTER CARTRIDGE

A bang followed by a cascade of glitter, available in various colours, reaching a height of 15-20ft.

DIMENSIONS 15-20ft(H) x 13ft(W)

COLOURS Gold; Silver; Green; Blue; Red; Purple; Pink; Multi

DURATION Instant

FALLOUT None

WEIGHT (NEQ) 0.6g

NOISE 101dB at 5m indoors

FIRING ANGLE Any - Use Variable Angle Pod. Ensure that the Pod is firmly fixed down so that it cannot move or fall when the products are fired



PAPER & METALLIC STREAMERS

Multi-coloured paper and metallic streamers available in 2 sizes:
Small (30ft projection) and Large (50ft projection).

DIMENSIONS Small - 30ft(H) x 10ft(W); Large - 50ft(H) x 15ft(W)

DURATION Instant

FALLOUT None

WEIGHT (NEQ) Small 0.17g; Large 0.35g

NOISE Small 85dB; Large 95dB at 5m outdoors

FIRING ANGLE Any - Use Variable Angle Pod & Fixing Clamp (for Large). Ensure the Pod is firmly fixed down so that it cannot move or fall when the products are fired



WHISTLE

WHISTLE CARTRIDGE

Emits a loud, shrill whistle and some smoke.

DIMENSIONS 6"(H) x 1"(W) flame and a plume of smoke

DURATION 7 seconds

FALLOUT None

WEIGHT (NEQ) 12g

NOISE 115dB at 5m indoors

FIRING ANGLE Vertical with Flash Pod



LE MAITRE

PROSTAGE II PYROTECHNIC RANGE

FLAMES & FLARES



COLOURED FLAME PROJECTORS

A stunning column of red or green flame producing a tiny amount of smoke and no fallout.

DIMENSIONS 12ft(H) x 2ft(W)

COLOURS Green; Red

DURATION Medium 2 seconds; Intermediate 3 seconds; Large 4 seconds

FALLOUT None

WEIGHT (NEQ) Medium 85g; Intermediate 115g; Large 150g

FIRING ANGLE Vertical. Use with PSII Flame Holder



SMALL & MINI FLAME PROJECTORS

A column of flame with an intense heat.

DIMENSIONS Mini 4ft(H) x 6"(W); Small 6ft(H) x 8"(W)

COLOURS Small - Orange; Mini - Green; Red

DURATION Mini 2 seconds; Small 4 seconds

FALLOUT None

WEIGHT (NEQ) Mini 17.5g; Small 27g; Small Special 54g

FIRING ANGLE Vertical. Use with PSII Small Flame Holder



FLAMES - 55G / 70G / 100G / 200G

An intense column of orange flame that reaches a maximum height of 12ft and a width of 1-2ft.

DIMENSIONS 10-12ft(H) x 1-2ft(W)

COLOURS Orange

DURATION 2-4 seconds

FALLOUT None

WEIGHT (NEQ) 55g; 70g; 100g; 200g

FIRING ANGLE Vertical. Use with PSII Flame Holder



VS COLOURED FLAMES

The VS Coloured Flames produce a small but incredibly vivid flame available in a range of colours.

DIMENSIONS 4-5ft(H) x 1-2ft(W)

COLOURS Red; Green; Blue; Purple; Amber; Orange

DURATION 2-3 seconds. Can be extended up to 5 seconds on request

FALLOUT None

WEIGHT (NEQ) 35g

FIRING ANGLE Vertical. Use with PSII Flame Holder

PROSTAGE II PYROTECHNIC RANGE

FLASH FLAME

A column of orange flame pre-loaded with white sparkle.

DIMENSIONS 6ft(H) x 5ft(W); Sparks to 12ft

DURATION 1.5 seconds

FALLOUT None

WEIGHT (NEQ) 48g

FIRING ANGLE Vertical



VS FLARES

Produce an intensely coloured 1-2ft flare that burns for 30 seconds. They have the distinct advantage of low smoke output compared to traditional flares.

DIMENSIONS 1-2ft(H) x 6"(W)

COLOURS Red; Green; Blue; Purple; Yellow; Orange

DURATION 30 seconds. Can be reduced on request

FALLOUT None

WEIGHT (NEQ) 35g

FIRING ANGLE 45/60/90 degrees. Use with PSII Gerb/Mine Holders



FLASH TUBES

FLASH TUBES

Also known as Split Mines or Flash Curtains, this effect produces a spectacular 15ft high fan shaped effect or a downward curtain effect if flown from a truss.

DIMENSIONS 10-15ft(H) x 8-10ft(W)

COLOURS Green; Red; Silver; Silver Crackle; Silver Glitter; Silver Wave; Gold; Gold Glitter

DURATION Instant

FALLOUT Hot

WEIGHT (NEQ) 10g

FIRING ANGLE Any, but tube must be horizontal with slit facing the direction of firing

OPTIONS Flash Tube Holder



PROJECTED GLITTER

GLITTER CARTRIDGE

A report followed by an explosion of glitter with a height/drop of approximately 15-20ft.

DIMENSIONS 15-20ft(H) x 13ft(W)

COLOURS Gold; Silver; Multi; Red; Blue; Green

DURATION Instant

FALLOUT Cold

WEIGHT (NEQ) 0.6g

NOISE 101dB at 5m indoors

FIRING ANGLE Any



PROSTAGE II PYROTECHNIC RANGE

STAGE GERBS



4oz & 8oz GERBS

A plume of sparks wider than normal Gerbs, producing a Christmas tree shape, these are the largest of the Stage Gerbs in the PSII range. Recommended for use in large venues or outside.

DIMENSIONS 4oz: 10-15ft(H) x 6ft(W); 8oz: 15-18ft(H) x 10ft(W)

COLOURS Silver; Gold; Colour Change (Gold to Silver); Flitter; Shimmer

DURATION 30 seconds

FALLOUT Hot

WEIGHT (NEQ) 4oz: 63g; 8oz: 196g

FIRING ANGLE Vertical to 45 degrees

OPTIONS ProStage II Gerb Holders



STAGE GERBS

Plumes of silver or gold sparks of varying height and duration, shoot up to create a glittering effect.

DIMENSIONS Various from 6ft(H) up to 20ft(H)

COLOURS Silver; Gold

DURATION Various from ¼ of a second to 20 seconds

FALLOUT None

WEIGHT (NEQ) 0.8g to 17g (up to 1 second); 4g to 45g (3 to 20 seconds)

FIRING ANGLE Vertical to horizontal (not upside down)

OPTIONS ProStage II Gerb Holders

CASCADES & WATERFALLS



WATERFALLS

A plume of silver sparks gently flows down from above resembling a classic waterfall. Holes are located at the bottom of the tubes for suspending on a truss.

DIMENSIONS Various: 8ft to 20ft (Drop) x 3ft(W)

DURATION Various from 10 to 20 seconds

FALLOUT Hot

WEIGHT (NEQ) Various 10g to 40g

FIRING ANGLE Vertically downwards



SILVER CASCADES

A cascade of silver sparks that falls down from a height, creating a denser effect than the Waterfalls. Holes are located at the bottom of the tubes for suspending on a cable.

DIMENSIONS Various: 8ft to 20ft (Drop) x 3ft(W)

DURATION Various from 6 to 20 seconds

FALLOUT Yes

WEIGHT (NEQ) Various from 8g to 22g

FIRING ANGLE Vertically downwards

PYROPOTS & FLASHES

FLASHES

A colourful flash with a small report and a little smoke. Available in various colours and two sizes.

DIMENSIONS Small: 2ft(H) x 4"(W) Arena: 8ft(H) x 1ft(W)

COLOURS Red; Green; Amber; White

DURATION Instant

FALLOUT None

WEIGHT (NEQ) Small 1g; Arena 4g

NOISE Small 105dB; Arena 120dB at 4m indoors

FIRING ANGLE Vertical - 45 degrees



SILVER STAR PYROPOT

A bright white flash with silver stars projected in all directions, followed by a white mushroom cloud of smoke.

DIMENSIONS Medium 9ft(H) x 11ft(W); Large 13ft(H) x 13ft(W)

DURATION Instant

FALLOUT Possible

WEIGHT (NEQ) Medium 5g; Large 10g

FIRING ANGLE Vertical



SMOKE PUFF PYROPOT

A pure white puff of smoke with a low intensity flash. Ideal for film or TV where a flash would cause a camera whiteout.

DIMENSIONS (Flash): Standard 2ft(H) x 1.4ft(W); Large 3ft(H) x 2ft(W)

COLOURS White

DURATION Instant

FALLOUT None

WEIGHT (NEQ) Standard 8.5g; Large 12.0g

FIRING ANGLE Vertical



THEATRICAL FLASH PYROPOT

A brilliant white flash followed by a pure white mushroom cloud of smoke that rises upwards.

DIMENSIONS (Flash) - Small 3ft(H) x 3ft(W); Standard 4ft(H) x 4ft(W); Large 5ft(H) x 5ft(W)

DURATION Instant

FALLOUT None

WEIGHT (NEQ) Small 1.2g; Standard 4g; Large 7g

FIRING ANGLE Vertical



PROSTAGE II PYROTECHNIC RANGE

AIRBURSTS



AIRBURSTS

A spectacular bright flash followed by a burst of spherical sparks with very little smoke and fallout. Silver and white are available with loud reports.

DIMENSIONS (DIAMETER) Small 6-8ft; Medium 10-12ft; Large 18-20ft

COLOURS (STARS) Silver; Silver Glitter; Gold Glitter; White

DURATION Instant

FALLOUT None

WEIGHT (NEQ) Small 1.2g; Medium 2.4g; Large 5g

NOISE Max 111dB at 5m indoors

FIRING ANGLE Suspend from lighting truss a min. 18ft (Small) to 24ft (Large) above the ground

OPTIONS Available singly or in a 3-drop harness



15FT & 25FT SPARKBURSTS

A projection of small silver branching sparks with a sizzling sound. Available with or without harness.

DIMENSIONS (DIAMETER) 15ft & 25ft

DURATION Instant

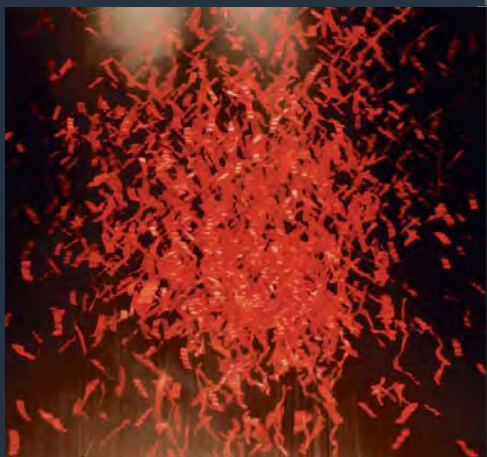
FALLOUT None

WEIGHT (NEQ) Small 1.5g; Medium 4.5g

NOISE 111dB at 5m indoors

FIRING ANGLE Suspend from a lighting truss a min. distance off the ground: 15ft or 25ft

OPTIONS Available singly or in a 3-drop harness



CHINESE CONFETTI AIRBURSTS

A report followed by a shower of Chinese Confetti that floats slowly to the ground.

DIMENSIONS (DIAMETER) 18ft Max

COLOURS Blue; Green; Purple; Pink; Orange; Red; White; Yellow; Multi; Red/White/Blue

DURATION Instant

FALLOUT None

WEIGHT (NEQ) 0.5g

NOISE 100dB at 5m indoors

FIRING ANGLE Suspend from lighting truss a minimum 20ft off the ground

OPTIONS Available with harness drops on request. Louder and quieter reports on request



CHINESE CONFETTI SPARKBURSTS

Projects Chinese Confetti whilst also producing a burst of silver branching sparks with a slight sizzling sound.

DIMENSIONS (DIAMETER) 18-20ft

COLOURS Blue, Green, Red, White, Multi

DURATION Instant

FALLOUT None

WEIGHT (NEQ) 1.5g

NOISE 111dB at 5m indoors

FIRING ANGLE Suspend from a lighting truss a minimum 20ft off the ground

PROSTAGE II PYROTECHNIC RANGE

STARBURSTS

Produce a flash of light and burst of colour with stars in all directions.

DIMENSIONS (DIAMETER) Small 8-12ft; Medium 18-22ft

COLOURS Small: Blue*; Green*; Red*; White*; Amber*; Shimmer; Gold Strobe
Medium: Red; White; Shimmer; Flitter; Gold Strobe

DURATION Instant

WEIGHT (NEQ) Small 4.5g; Medium 8.5g

NOISE Max 94dB at 5m indoors

FIRING ANGLE Suspend from a lighting truss

OPTIONS *Some colours also available in a 3-drop harness



VS SMALL STARBURSTS

A semi-spherical burst of deeply coloured stars creating a firework shell-style effect. Very little smoke produced and virtually no fallout.

DIMENSIONS (DIAMETER) 16-20ft

COLOURS Blue; Green; Purple; Orange; Red; White; Yellow; Aqua; Multi; Sliver Fizz

DURATION Instant

FALLOUT None

WEIGHT (NEQ) 3g

NOISE 94dB at 6m indoors

FIRING ANGLE Suspend from lighting truss



SMOKES

5 SECOND WHITE SMOKE

Produces a stream of white smoke for approximately 5 seconds.

DURATION 5 seconds

FALLOUT None

WEIGHT (NEQ) 2g

FIRING ANGLE 0-90 degrees



ALADDIN SMOKES

Releases a light wispy white smoke for a period of 30 seconds. Popular with pantomimes for "genie-in-the-lamp" effects.

DURATION 30 seconds

FALLOUT Gets hot after use

WEIGHT (NEQ) 5g



COLOURED SMOKES

A dense plume of smoke, available in various colours.

COLOURS Black; Blue; Green; Orange; Red; Violet; White; Yellow

DURATION 15 seconds

FALLOUT None. Can cause staining

WEIGHT (NEQ) Max 8g

FIRING ANGLE 0-90° degrees



PROSTAGE II PYROTECHNIC RANGE

STADIUM EFFECTS



COMETS

A brilliant ball of fire, shoots into the air then disappears without any fallout. Designed for large venues, stadiums or outdoor use.

DIMENSIONS 25ft; 30ft; 60ft

COLOURS 25ft with tail: Red; White; Green; Amber

30ft: Gold Crackle

60ft with tail: Red; White; Green; Yellow; Orange; Gold

DURATION Instant

FALLOUT None

WEIGHT (NEQ) 25ft 2g; 30ft 1.6g; 60ft 2.5g

FIRING ANGLE 25ft & 60ft vertical to 45 degrees; 30ft vertical to 30 degrees



FLAME BALL

An orange ball of fire, that reaches a height of 20-25ft.

DIMENSIONS 20-25ft(H) x 1ft(W)

DURATION Instant

FALLOUT None

WEIGHT (NEQ) 3.5g

FIRING ANGLE 45 - 90 degrees



GIANT FIREBALL

A large rolling orange fireball accompanied by a large mushroom cloud of white/grey smoke. Ideal for large stages, venues or stadiums.

DIMENSIONS 15ft(H) x 5ft(W) rolling ball of flame, then smoke continues rising

DURATION Instant

FALLOUT None

WEIGHT (NEQ) 80g

FIRING ANGLE Vertical



GIANT GOLD STAR

An orange flame with a huge white/grey mushroom cloud of smoke with millions of tiny gold stars. Ideal for low lighting effects in stadiums, large venues or outdoors at night.

DIMENSIONS 12ft-15ft(H) x 5-6ft(W)

DURATION Instant

FALLOUT Possible

WEIGHT (NEQ) 60g

FIRING ANGLE Vertical

PROSTAGE II PYROTECHNIC RANGE

GIANT THEATRICAL FLASH

A report accompanied by a bright white flash and followed by a white mushroom cloud that rises upwards. Twice the size of the Large Theatrical Flash.

DIMENSIONS 4ft(H) x 3ft(W) flash with white smoke

DURATION Instant

FALLOUT None

WEIGHT (NEQ) 15g

NOISE 86-90dB at 5m indoors

FIRING ANGLE Vertical



LINE ROCKETS

Also known as Grid Rockets, these are small whistling rockets with a sparkling tail, that run along a steel cable, attached to the line by a rocket holder. A quiet version with silver sparks is also available.

The cable (not supplied) must be securely fastened at each end and is usually up to 50 metres long. The Line Rockets take 2 to 4 seconds to travel this distance.

DIMENSIONS Flame 2"; Tail 3.5ft

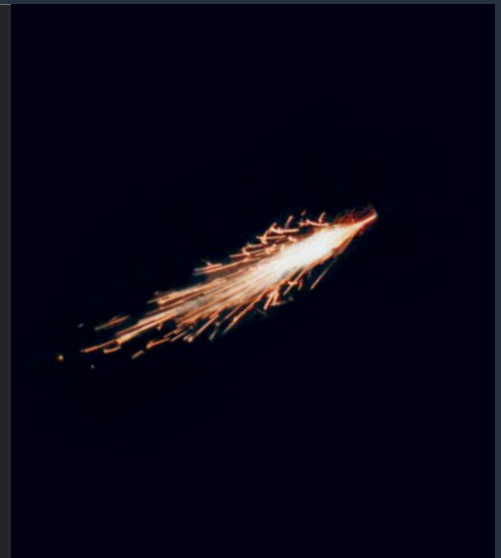
DURATION 2, 3 or 4 seconds

FALLOUT None

WEIGHT (NEQ) 10g

NOISE 110dB at 5m outdoors

FIRING ANGLE Any



MK1 MORTAR HITS

An instantaneous large bright yellow flash and deep bang followed by a rolling ball of smoke and flames. A mini version is also available.

DIMENSIONS MK1 15-20ft(H) x 10ft(W); Mini 6-8ft(H) x 3ft(W)

DURATION Instant

FALLOUT None

WEIGHT (NEQ) Mini 10g; MK1 70g

NOISE Max 90dB at 8m outdoors

FIRING ANGLE Vertical



WHISTLE

WHISTLE

Emits a loud, shrill whistle with a small flame and smoke.

DIMENSIONS 6"(H) x 1"(W) flame from top of cartridge

DURATION 4 seconds

FALLOUT None

WEIGHT (NEQ) 12g

NOISE 110dB at 5m outdoors

FIRING ANGLE Vertical, use 18mm Gerb Holders



PROSTAGE II PYROTECHNIC RANGE

MINES



MICRO MINES

Propel a shower of shimmering coloured stars, particularly suitable for smaller venues where ceiling heights are low.

DIMENSIONS 9-12ft(H) x 15ft(W)

COLOURS Blue; Green; Red; White; Purple; Orange; Yellow; White; Silver; Flitter

DURATION Instant

FALLOUT None

WEIGHT (NEQ) 3.1g

FIRING ANGLE 90-45 degrees

OPTIONS Mine Holders: 90 degree; 90 degree with bolt; 3-Way Array Plate



STAGE MINES

Propel a fantastic shower of shimmering coloured stars with or without a silver tail, creating a directional explosion of colour. The crackle stars introduce an extra dimension with randomly bursting stars creating a series of small bangs.

DIMENSIONS 15/20ft(H) x 15ft(W); 25/30ft(H) x 15ft(W); 55/60ft(H) x 20ft(W)

COLOURS Blue; Green*; Red*; White; Amber*; Orange*; Yellow*; Mixed; Shimmer; Gold Glitter; Flitter, Purple. (*available with tail in 25/30ft versions)

Silver; Crackle are also available in 25/30ft and 55/60ft

DURATION Instant

FALLOUT None

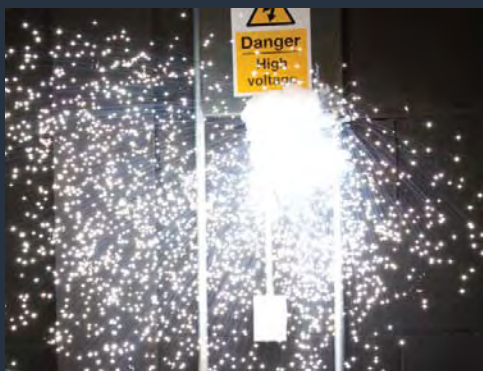
WEIGHT (NEQ) 15/20ft 3.5g; 25/30ft 5g; 55/60ft 16g

FIRING ANGLE 90-45 degrees

OPTIONS Mine Holders: 15/20ft & 25/30ft: 3-Way and 5-Way Array Plates; 90/60/45 degree with plate; 90 degree with bolt

55/60ft: 90 degree; 90 degree with bolt; 3-Way Array Plate

ROBOTICS & GUNFLASH



ROBOTICS

Also known as Electronic Fault Simulators, Robotics are used in film and TV to reproduce electrical faults in fuse boxes and other equipment. The effect is a small white flash followed by a burst of silver sparks and some white smoke. Also available in a half load.

DIMENSIONS Max 5ft(H) x 10ft(W)

DURATION Instant

FALLOUT Hot fallout depending on positioning

WEIGHT (NEQ) Small 0.4g; Medium 0.8g; Large 1.2g

FIRING ANGLE Any



GUNFLASH

A realistic simulation of a gun being fired when inserted into barrel. It produces an orange or white flash with some white smoke. The Sparkle version also delivers silver sparks.

DIMENSIONS Standard 1ft x 4" flash; Large with Sparkle: Sparks project to 8ft x 2ft

COLOURS Standard: Orange flash and white smoke. Large: White flash and white smoke (Sparkle option with silver sparks)

DURATION Instant

FALLOUT None

WEIGHT (NEQ) Standard: 0.15g Large: 0.25g

NOISE Max 90dB at 5m indoors

FIRING ANGLE 90 degrees to horizontal

PROSTAGE II PYROTECHNIC RANGE

MAROONS & MICRODETS

FLASH REPORTS

Pre-loaded concussion which produce an extremely loud bang with a white flash and a puff of smoke. These must be used with a concussion pot. Safety trials should be conducted in advance to ascertain the suitability of noise levels.

DIMENSIONS 6ft(H) x 6"

DURATION Instant

FALLOUT None

WEIGHT (NEQ) No.1 2g; No.2 5g; No.3 10g; No.4 15g; No.5 19g

NOISE 118 to 122dB at 20m outdoors

ADDITIONAL REQUIREMENTS Concussion Pot

FIRING ANGLE Vertical



MICRODETS – PLASTIC & CARDBOARD

A miniature maroon, housed in a plastic or cardboard casing, it is used to simulate bullet hits on walls or the ground. Safety trials should be conducted in advance to ascertain the suitability of noise levels.

DURATION Instant

FALLOUT Will produce flying debris

WEIGHT (NEQ) 0.15g

NOISE Max 110dB at 5m indoors



THEATRICAL MAROONS

Producing a loud bang and some smoke, Theatrical Maroons are used to simulate bullet hits on walls or the ground. Housed in cardboard or plastic casing. It must be used in a bomb tank (not supplied). Safety trials should be conducted in advance to ascertain the suitability of noise levels.

DURATION Instant

FALLOUT None

WEIGHT (NEQ) Small 0.5g; Medium 2g; Large 4g

NOISE Small 105dB; Medium 110dB; Large 112dB at 8m outdoors



PROSTAGE II PYROTECHNIC RANGE

MISCELLANEOUS



ICE FOUNTAINS

Produce a small flare and a spray of sparks lasting approximately 25-30 seconds and 50-55 seconds respectively. Available in small (0.5 to 2ft) or large (1.5 to 3ft) with match or electric ignition. Often used in wedding and birthday cakes or central table decorations.

DIMENSIONS Small 0.5ft flame (sparks to 2ft); Large: 1.5ft flame (sparks to 3ft)

COLOURS Silver; Red (Large only)

DURATION Small 25-30 Seconds; Large 50-55 Seconds

FALLOUT None

WEIGHT (NEQ) Small 5g; Large 10g

FIRING ANGLE 90-45 degrees

OPTIONS Small - 18mm Gerb Holder; Large - 27mm Gerb/Mine Holder



IGNITERS

Also known as squibs or electric matches, these are initiators that are fired electronically and form the basis for all ignitions on ProStage II.

DIMENSIONS 3ft long

DURATION Instant

FALLOUT Produces a small amount of sparks and slight noise

RESISTANCE 0.9 - 1.5 ohm

WEIGHT (NEQ) 0.04g

CURRENTS Max. Non Fire Current, 0.3A; Min. Firing Current, 0.5A;

Recommended Firing Current, >1A; Min. Firing Energy, 30mJ

OPTIONS Other lengths on request

PYROTECHNIC CONTROLLERS

2-WAY & 6-WAY CONTROLLERS

Battery operated systems with 2 and 6 channels respectively and suitable for use with both PyroFlash and ProStage effects. A power supply is available as an optional extra.

Capable of firing each channel individually with up to 8 effects in series over 100m.

The 6-Way has an additional channel for connecting to the Air Interface when using the Electric Air Cannon.



RAPIDFIRE 12S

A 12 channel, electronically initiated firing system, specifically designed for use with all Le Maitre's pyrotechnics fitted with Standard "Pod" sockets and "Pro" quick connects. This system gives you the ability to fire up to 12 channels singularly or in step-fire mode. The Rapidfire can also fire up to 12 channels in a speed sequence set by the operator. There is no individual physical channel isolation.



6/24 CONTROLLER

The 6/24 Controller is the leading system for firing multiple combinations of pyrotechnic effects including PyroFlash or ProStage II. Each of the 6 channels can fire up to 10 effects wired in series over 50m, or all 6 channels can be fired simultaneously with up to 5 effects wired in series on each channel.

Up to 240 effects can be fired using the channel selector switch and a Splitter Box on each channel, making 24 selectable channels each capable of taking up to 10 effects in series. Each channel must be fired individually.



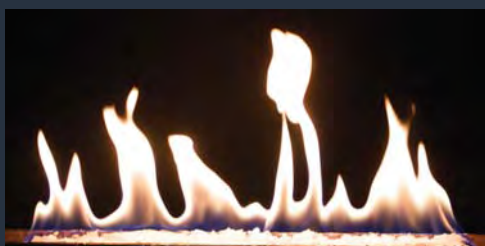
SPLITTER BOX

When used with the PyroFlash 6/24 firing system, the splitter box increases the number of effects that can be fired. Each channel is split into 4 channels. Inputs and outputs are via 3-pin bulging connections.



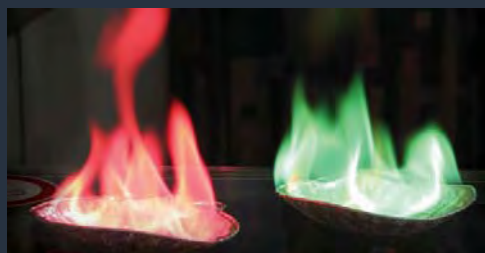
SPECIAL EFFECTS

SPECIAL EFFECTS - HAND HELD / IGNITED



FLAME PASTE

A flammable paste that burns with an orange flame. The paste can be used anywhere a small controllable flame is needed. Supplied in 2.5L quantities.



BENGAL FIRE LIQUID

The Bengal liquids can be use in oil lamps, burners or suitable containers to give a spectacularly vivid colour flame, for inside or outside use. Available in red, green, blue and yellow 1L bottles.



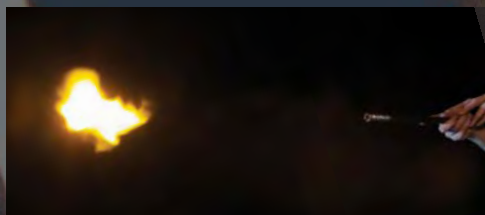
POCKET AIR CANNON

A small hand-held cannon that can shoot streamers, confetti and glitter up to 10 metres.



ELECTRONIC FLASH GUNS

The Single and Double Electronic Flash Guns are easily concealed in the hand to create a dramatic effect of a brilliant ball of fire which projects up to 3 or 4 metres. Uses Flash Paper or Flash Cotton.



FLASH WANDS

A magician's wand. Uses Flash Paper or Flash Cotton.



HAND & FLINT FLASHERS

The Flint Flasher is a mechanical gun giving the effect of a quick flash of fire from the hand with no smoke. Uses Flash Paper or Flash Cotton for each shot.

The Hand Flasher is a smaller version of the Single Electronic Flash Gun, firing up to 2 metres. Uses Flash Paper or Flash Cotton and requires batteries.

SPECIAL EFFECTS HAND HELD / IGNITED

GLITTER/CONFETTI/STREAMERS

Le Maitre offer a whole range of bagged Glitter, Streamers, Aerostreamers, Confetti and Chinese confetti.



FLASH PAPER/CLOTH/COTTON/CORD

Flash Paper, made from nitrocellulose, burns quickly and completely with a bright orange flame leaving no ash. Use with Flash Guns/Wands.

Flash Cloth is cotton based and stronger than Flash Paper, burning a little more slowly, but producing the same effect. It can be sewn into objects as required.

Flash Cotton burns the quickest, creating an instant flash. Use with Flash Guns/Wands/Hand-Flashers.

Flash Cord burns quickly with a bright orange flame and vanishes with no residue.



SMOKE PELLETS

Ignite with a naked flame or touch paper and the smoke pellets will burn for 30-40 seconds. Available in 10s and 100s.

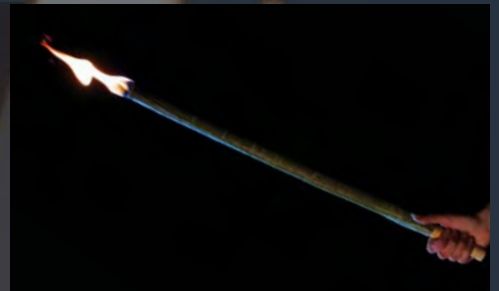
TOUCH PAPER

Its slow burning properties make Touch Paper ideal to use as a match for lighting smoke pellets with an igniter. Available in 100s.



WAX TORCH

A hand-held Olympic torch effect ideal for processions and outdoor concerts. The burn time is approximately 1 hour.



SPECIAL EFFECTS MACHINES



ARCTIC SNOW MACHINE

With continuous high output, low fluid consumption and quiet operation, the Arctic Snow Machine offers unrivalled performance and reliability.

FEATURES INCLUDE:

- Variable snow output and flake size
- Remote (included) or DMX control
- Built-in 5L fluid holder
- Hanging bracket supplied

SIZE (mm) 228(H) x 276(W) x 525(D)

WEIGHT 12 Kg

POWER 230v, 50/60Hz, 600W, 3A



CHAMELEON

The Chameleon can be set to produce either quick flame balls or straight flames. Height is adjustable up to 4 metres and aerosol canisters are available in natural or red. It uses 3-channel DMX.

SIZE (mm) 405(H) x 275(W) x 360(D)

WEIGHT 12 Kg

POWER 230v, 50/60Hz, 250W, 3.15A



COMET FLAME

A spectacular new machine which produces flames up to 6 meters high for indoor use. It fires for 5 seconds at a time and can be set to fire in high frequency or at preselected intervals. Combined with its high quality construction and stainless steel cabinet, the Comet Flame is robust, versatile, easy to use, low power consuming and extremely safe.

FEATURES INCLUDE:

- Coloured flame fluids available: red, green, yellow, blue, purple and orange
- 5 Firing angles - 45, 22, 0, 22, 45 degrees
- 2 DMX channels. Single or multi DMX channel operable
- Fully programmable remote control

SIZE (mm) 240(H) x 314(W) x 346(D)

WEIGHT 17.5 Kg

POWER 230v, 50/60Hz, 250W, 1A

ELECTRIC AIR CANNON & AIR INTERFACE

The Electric Air Cannon is designed to fire streamers, glitter or confetti at any angle with minimal noise using CO2 bulbs, and is ideal for venues where pyrotechnics are not an option. It can be mains operated or fired via the Air Interface.

FEATURES INCLUDE:

- Link together for multiple use
- Floor or truss mount
- Fires up to 15 metres

LENGTH (mm) 740(L)

WEIGHT 4.25 Kg

POWER 230v, 50/60Hz, 45W, 1A

AIR INTERFACE

Fire 4 Cannons at any one time:

- 1 Cannon per channel; or
- 4 Cannons linked in series on one channel

SIZE (mm) 70(H) x 170(W) x 180(L)

WEIGHT 1.5Kg

POWER 230v, 50/60Hz, 2.3Kw, 10A



FAKE FLAME

The Fake Flame creates the illusion of real gas flames but uses absolutely no flammable products, instead projecting coloured light onto a swirling screen of vapour. Designed for use in theatres, theme parks and night clubs. For best results use against a black background in still environments.

FEATURES INCLUDE:

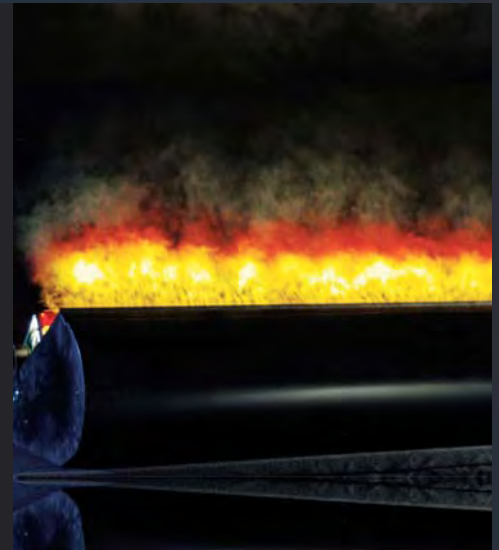
- 2.5L Haze Fluid provides 60-80 hrs of operation
- Effect is 1.2m wide
- Mount on a stage or flush under a stage

SIZE (mm) 350(H) x 1270(W) x 680(D)

WEIGHT 70 Kg

POWER 230v, 50/60Hz, 1.7Kw, 7A

FLUIDS Haze



SMOKE & HAZE MACHINES

HAZE

The Le Maitre systems produce pure and consistent haze with no oil, water, or residue, and the health and safety benefits cannot be underestimated. They use a sugar based solution that causes no health issues and produces an extremely dry, non sticky haze.



MVS HAZER

A high specification hazer with accurately controlled variable haze output, direction and sweep over a wide range.

FEATURES INCLUDE

- High output haze (whisper up to 80 cc/hr)
- Variable direction: 0-90 degrees; Sweeps
- 4 channel DMX 512
- Multi-function control panel & data storage capability
- Advanced projection control for accurate wide range
- Patented hazing tube system
- External bottle design for multiple position use
- Continuously variable fan output up to 125 cubic metres per hour
- Low fluid and power consumption

SIZE (mm) 340(H) x 160(W) x 340(D)
WEIGHT 11 Kg

POWER 230v, 50/60Hz, 300W, 5A
FLUIDS Haze



NEUTRON XS HAZER

The Neutron XS Hazer utilises Le Maitre's world patented S.T.A.R technology to produce consistently pure haze. This compact unit can deliver up to 120 hours of haze from just one 2.5 litre bottle of fluid.

FEATURES INCLUDE

- Instant on - no warm-up
- Microprocessor controlled
- Efficient - minimal power consumption
- Self-cleaning
- Low maintenance
- High velocity fan with 50 degree projection
- Equity approved

SIZE (mm) 280(H) x 240(W) x 280(D)
WEIGHT 11 Kg

POWER 230v, 50/60Hz 250w, 1A
FLUIDS Haze



STADIUM HAZER

The Stadium Hazer delivers huge volumes of haze using its patented delivery system, making it ideal for larger venues.

FEATURES INCLUDE

- Instant on - no warm-up
- Angle delivery arm to 120 degrees
- Variable speed high output fan
- Self-cleaning on start-up/shut-down
- Fluid use - 50 - 500cc /hr
- DMX 512 Control - 2 channels

SIZE (mm) 350(H) x 390(W) x 680(D)
WEIGHT 27 Kg

POWER 230v, 50/60Hz 2000w, 9A
FLUIDS Haze

G300

The G300 combines a high powered smoke generator with a water based hazer and is the most technologically advanced dual purpose machine available. Simply by changing the setting on the display and using the correct fluid, a range of smoke or haze effects can be achieved. Low fog can also be achieved via connection to the Le Maitre Freezefog Pro.

PERFORMANCE

- Coverage; 850 cubic metres/min smoke output
- Warm-up time: 6-8 mins
- Operating time: Continuous, automatic level adjustment

SIZE (mm) 256(H) x 287(W) x 610(D)

WEIGHT 25 Kg

POWER 230v, 50/60Hz 2.2Kw, 10A

FLUIDS Standard/Global/Industrial Smoke; Quick & Extra Quick Dissipating; C-Beam; EZ Kleen



GFORCE 1,2 & 3

High powered, continuous flow, water based smoke systems.

THE GFORCE 1 basic model is used with an additional remote control, either Variflow or Varitime. The GForce DMX is a fully integrated system.

FEATURES INCLUDE

- An external fluid bottle provides ease of portability
- Coverage: 500 cubic metres/min smoke output
- Warm up time 6-8 mins

THE GFORCE 2 with its compact design offers fully integrated and fully compatible DMX (2 channels).

FEATURES INCLUDE

- Unique pulse/phase pump control for fog management
- Pre-delay output feature for use with LSG/Freezefog
- Optional hand-held remote control
- Automatic and continual flow control: High accuracy thermal monitoring system; patented heat exchanger.
- Coverage: 850 cubic metres/min smoke output
- Operating Time: Continuous - automatic level adjustment
- Connects with the Freezefog for low fog effect

THE GFORCE 3 is the most powerful model in the range with twin pumps and twin heaters designed for maximum output.

FEATURES ARE THE SAME AS THE GFORCE2, PLUS

- Massive power output with continuous flow
- Extra large thermal storage
- Dual Processor Circuitry with digital multi feature control
- Coverage: 1100 cubic metres/min smoke output



GFORCE 1, 2 & 3

SIZE (mm) 120(H) x 295(W) x 610(D) WEIGHT 12 Kg POWER 230v, 50/60Hz, 1.1Kw, 5A

FLUIDS Standard/Global/Industrial Smoke; Quick & Extra Quick Dissipating; EZ Kleen

SMOKE & HAZE MACHINES *LOW FOG, DRY ICE & MIST*

LOW FOG, DRY ICE & MIST



FREEZEFOG PRO

The Freezefog Pro is used in conjunction with a Le Maitre enabled smoke machine such as the G300, GForce 2 and GForce 3 to produce an extremely powerful dry ice effect. Special low smoke fluid is combined with high or low pressure CO2. The effect is long lasting and residue free, remaining low lying and very cold.

SIZE (mm) 610(H) x 500(W) x 630(D)
WEIGHT 17.5 Kg

POWER 230v, 50/60Hz 1.1Kw, 5A
FLUIDS Low Smoke; EZ Kleen



PEA SOUPER

The market leader in portable dry ice machines, the Pea Souper offers variable output, rugged construction and precise control of the classic theatrical low fog.

FEATURES INCLUDE

- 9kg dry ice capacity for 5 minutes of fog output
- Rate of flow easily controlled
- Water level indicator
- Thermal cut off safety provision

SIZE (mm) 470(H) x 500(W) x 685(D)
WEIGHT 11 Kg

POWER 230v, 50/60Hz 2.4Kw, 10.5A
FLUIDS EZ Kleen



MINI MIST

A robust, hand-held aerosol smoke machine using water based canisters to create a thick fog effect. It is ideal for the film and TV industry as well as the armed forces and fire brigades. It is certified for use by the Ministry of Defence and fire brigades.

FEATURES INCLUDE

- Variable output control
- Use off the power supply for up to 20 mins
- Output: 180 cubic metres /minute
- N.A.T.O codified

SIZE (mm) 230(H) x 145(W) x 315(D)
WEIGHT 9 Kg

POWER 230v, 50/60Hz, 1 Kw, 4A
FLUIDS Smoke Fluid Canister



MICROFOG AEROSOL MACHINE

A reliable, low cost unit which uses water based aerosol to create a thick fog effect. Ideal for mobile DJs, schools, and smaller venues.

FEATURES INCLUDE

- Use off the power supply for up to 20 mins
- Output: 160 cubic metres /minute
- Electronic temperature sensor and mechanical fail-safe
- Fully serviceable

SIZE (mm) 180(H) x 220(W) x 400(D)
WEIGHT 8 Kg

POWER 230v, 50/60Hz, 1.2 Kw, 5A
FLUIDS Smoke Fluid Canister

SMOKE & HAZE FLUIDS

Le Maitre smoke fluids are specifically designed to create different effects for different applications

STANDARD SMOKE FLUID

Clean and almost odourless. Creates a dense, white fog with medium hang time. Low ash content. Available in 5L & 200L.



GLOBAL SMOKE FLUID

Designed for most quality smoke machines. It gives a thick, white, practically odourless fog with a medium to long hang time. The ash content is medium to high. Available in 5L & 200L.



INDUSTRIAL SMOKE FLUID

Mainly used by the Emergency Services for breathing apparatus and fire safety training. It has a long hang time and a higher tolerance to heat. The ash content is high. Available in 5L & 200L.



LOW SMOKE FLUID

Used in a smoke machine in conjunction with the Freezefog Pro. It acts in the same way as dry ice fog but without the wet residue, creating a thick odourless cloud of fog with a very short hang time. It is non-irritating, non-toxic, and non-flammable. The ash content is low. Available in 5L & 200L.



QUICK / EXTRA QUICK DISSIPATING FLUID

Helps to dissipate smoke quickly. Useful where smoke rising too quickly could be an issue. Also ideal to produce a burst of steam effect, nitrogen bursts etc. The ash content is very low. Available in 5L & 200L.



C-BEAM HAZE FLUID

Only to be used in the G300 when operating in "haze" mode. Capable of covering large areas very quickly. Ash content is very high. Available in 5L & 200L.



HAZE FLUID

Le Maitre's hazer fluid for the Neutron XS Hazer, the MVS and the Stadium Hazer. It is also used in the Fake Flame. It is designed to hang in the air and accentuate beams of light without creating a messy oily residue. Used in much smaller proportions to smoke fluid thus giving the benefit of atmosphere without the large consumable cost. Available in 2.5L, 5L & 200L.



SMOKE FLUID CANISTERS

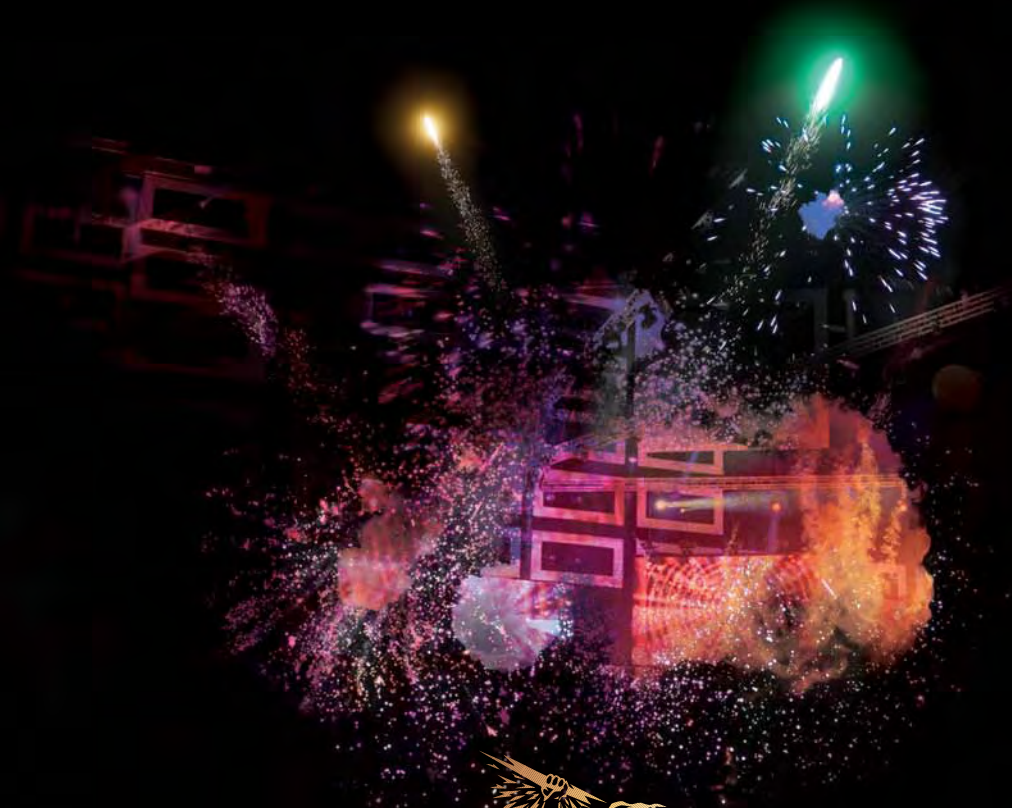
Smoke fluid canisters are pressurised cans of fluid which plug directly into the smoke machine. The fluid used in the Mini Mist cans is the Standard Smoke Fluid and the one used in the Industrial cans is the Industrial Smoke Fluid for fire training. Available in 404ml.



EZ KLEEN MAINTENANCE FLUID

Le Maitre's EZ Kleen is used as a preventative maintenance measure to ensure longer heat exchanger life on machines. It is easy to use and should be used on a regular basis to prevent blockages to heat exchangers, which can happen in fog machines. Not for use in haze machines.





Le Maitre[®]

PYROTECHNICS & SPECIAL EFFECTS

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