



# Technical Datasheet

## Smoke Bubble Machine

### Specifications:

Equipment Size:  
H88 x W78 x D59 cm

Equipment Weight:  
81.5KG

Shipping Type:  
Self Contained -  
Flight Case

Shipping Size:  
H91 x W78 x D59 cm

Shipping Weight:  
103KG

Power Connector: 16A  
True Con Power Cable

Duration of Effect:  
8.5 Litres an Hour  
Bubble Fluid  
0.275 Litres an Hour  
Smoke Fluid

Additional  
Requirements:

MTFX approved Smoke  
& Bubble Fluid. (Contact  
MTFX)

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The Smoke Bubble Machine from MTFX is an Ingenious concept creating a high adjustable output of up to approx. 6000 smoke filled bubbles a minute. Creating a practical and attractive effect, the machine can also be set to release just bubbles.

### How to set up and use the Smoke Bubble Machine

1. Position the Smoke Bubble Machine Flight Case and lock the wheels. Remove all case panels. Some fluid may spill when machine active so consider positioning on a wipe-clean surface, consider slipping hazards.
2. Open the rear doors and connect the Bubble Fluid (**LEFT**) and Smoke Fluid (**RIGHT**) (Fig.3) **Only MTFX Approved Substances to be used.** Any damage through misuse will be charged.
3. Connect the True-Con Power Cable and switch on at the mains and machine. Optionally, connect DMX cable and controller.
4. If using the machine Manually select Manual Mode on the digital control panel and calibrate the machines output settings to your preference. "Save" settings once satisfied.
5. The machine should then activate. If no bubbles or smoke are produced, check the settings in the control panel and also the flow from the fluid bottles.
6. Switch off the machine. Leave the machine to stand until empty as the drip tray will drain back into the bubble fluid bottle. Remove bottles. Clean the machine and dry before packing back into case. Use a lightly damp cloth to clean any sticky surfaces.



Fig 1. Machine in Self Contained Flight Case



Fig 2. Front of machine



Fig 3. Fluid Cabinets (Bubbles Left, Smoke Right)



Fig 4. DMX & Power Sockets



Fig 5. Close up of machine fans



Fig 6. Close up of Bubble Blowers

**Velt House, Velt House Lane, Elmore, Gloucester, GL2 3NY**  
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### Hints/Tips/Safety

- Failure to empty and clean the machine before returning will incur additional charges.
- Do not dilute the fluid or leave it unattended.
- Do not tilt the unit when in use.
- Avoid getting water or bubble fluid into the unit electrics and control panel.
- Do not run the machine when low on/empty of fluid.
- Switch off from main power when refilling the liquid or cleaning the system.
- Never cover the unit's vents or fans. Allow a free air space of at least 20cm around the top and sides of the unit.
- For indoor use and outdoor use if weather protected.
- Excessive amounts of bubble fluid will cause a slipping hazard on smooth surfaces.
- The machine can be calibrated to output in timed bursts, bubbles only and also the fan speeds.



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## Smoke Bubble Machine DMX Guide

### To control machine with DMX, use the following settings:

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DMX Address	DMX Value (DEC)		Function
Safety Address	0	127.5	Device Disabled
	127.5	255	Device Enabled
Start Address (Bubble Setting)	0	127	50% Bubble Capacity
	128	255	100% Bubble Capacity
Start Address + 1 (Smoke Setting)	0	191	No Smoke
	192	223	50% of bubbles contain smoke
	224	255	100% of bubbles contain smoke
Start Address + 2 (Fan Speed)	0	9	Fan off
	10	255	Minimal Speed > Full Speed
Start Address + 3 (Go Trigger)	0	199	Effect off
	200	255	Effect on

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