CRYO FOG
HIGH PRESSURE

Compact low fog generator to be used with high pressure bottles

equal and thick low fog

compact & powerful

made in Germany

The **Cryo-Fog High Pressure** is a powerful low fog generator with 2300 Watt.
All build into a compact flightcase (67 x 51 x 30 cm), the **Cryo-Fog High Pressure** contents a low temperature fog machine, a fan as well as a cooling chamber with space next to the fog generator to held a 5 ltr can of fluid.

Liquid CO_2 is used to cool down the fog. Thus, the machine produces thick low fog which distributes equally.
The machine is powerful enough to fill even big stages with low fog within a short time.

The liquid CO_2 is delivered from a high pressure bottle with siphon, which is connected to the machine via a tube (supplied with the machine).

The bottles can be rented from companies which sell carbon dioxide.

The intelligent technology ensures that the fogging process will not start before the cooling chamber has reached the right temperature. As a result, no „warm" fog - which will go upwards - can escape from the machine.

The **Cryo-Fog High Pressure** benefits from its compact size, the low weight, the powerful output, the low noise and easy operation.

Features

• Fine adjustments of the pump
Digital technology ensures fine adjustments of the pump. The output can be adjusted in steps of 1% from 0 - 99%. Thus, any desired effect can be produced.

Also the fan can be adjusted separately from 0 - 99% if the machine is controlled via DMX. If controlled via analog or stand alone the fan runs on a pre-programmed level.

• DMX 512 as standard
The **Cryo-Fog High Pressure** can be controlled via *DMX 512*. The machine needs three following channels on the desk. Thus, the pump, fan and cooling can be adjusted separately. Therefore the fog output, distribution of the fog and the temperature respectively the height of the fog can be adjusted.

The DMX start address can be adjusted and saved via the control panel. It will be saved even if the machine is disconnected from the mains.

If the **Cryo-Fog High Pressure** is controlled via DMX, the machine can also be used as a normal fog generator.

The machine can also be controlled with *analogue (0 - 10V)* via a desk or the XLR-remote (option). The fogging process starts automatically as soon as the cooling chamber is cold enough. The fan runs on a pre-programmed level.

A *stand-alone-mode* is also possible. The pump level can be adjusted directly at the machine, the fan runs on the pre-programmed level. After pushing the start button shortly, the fogging process starts as soon as the cooling chamber is cold enough.

• LED-Display
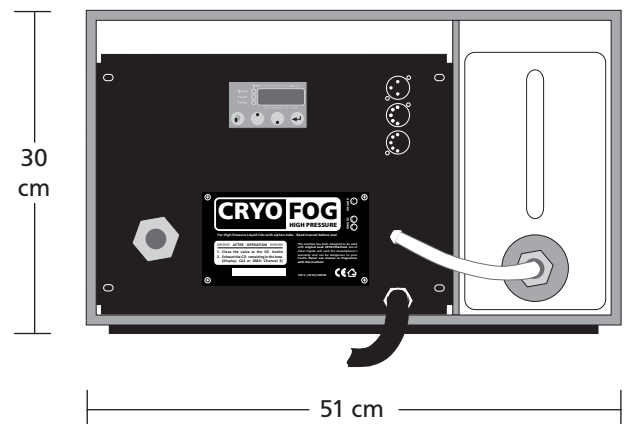The control panel with LED-display and simple symbols allows easy operation.
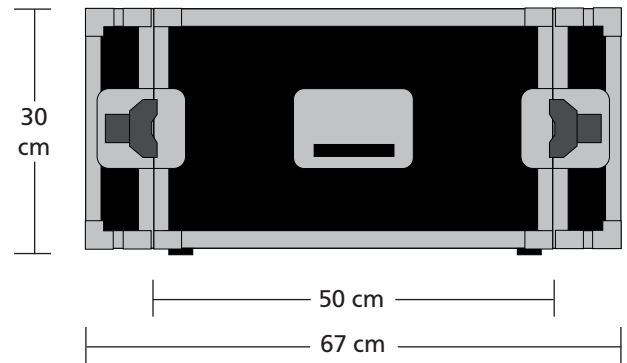
Fluid

The **Cryo-Fog High Pressure** needs a special fluid.

Technical data

Procedure	Vaporizing fog generator with cooling system
Total requirement **Power requirement**	2300 W / 1700 W (120 V) 2000 W / 1400 W (120 V)
Voltage	230 V/50 Hz or 120 V/60 Hz
Warm up time	approx. 10 min.
Fluid consumption **at max. output** **at 50% output**	100 ml/min. 40 ml/min.
Liquid-CO_2-consumption **at max. output**	2 kg/min.
Fluid tank capacity	5 liter
Fog output	adjustable in 99 steps
Fogging time	continuous output
Temperature control	Microprocessor controlled
Overheating protection	Heater block/Thermostat Pump/Thermal switch
Control	DMX 512 0 - 10 V analogue Stand alone
Dimensions (L x W x H)	67 x 51 x 30 cm
Weight w/out bottle	28 kg

Dimensions

30 cm

50 cm

67 cm

30 cm

51 cm

Advantages

- Fog generator, fan and cooling chamber built into a compact flightcase

- DMX 512 as standard, analogue (0 - 10 V) and stand-alone-mode

- Output adjustable in steps of 1%

- Pump, fan and cooling adjustable seperately when controlled via DMX, therefore high flexibility

- Can be used as a normal fog machine if controlled via DMX

- Fogging process starts only if the cooling chamber is cold enough

- Powerful output

- Continuous output

- Made in Germany

Accessories
- XLR-remote for analogue control