

# PROTECT M80™

With PROTECT M80™ we introduce a brand new generation of fog cannons that sets new standards for active protection of valuables. The fog cannons are the most powerful and user-friendly models to date. They secure your customers' values in seconds – and make your work as professional installer much easier and problem-free.



## APEX Technology

APEX Technology is the collective term for a number of specially developed technologies that make the fog cannons' performance, efficiency and user-friendliness better than ever before. In addition, an optimized design, new mounting options and a lower weight make your work as a professional installer much easier and faster.

## IntelliSuite™ 2

### IntelliSuite 2

The comprehensive update of the software system means that you can now quickly handle everything from installation and service to monitoring and troubleshooting. Everything is gathered in one place – and you are guided step by step through the desired processes. Without the need for technical support.



### Optimized weight

Handling the fog cannons has become easier. Thanks to integrated APEX Technology, the PROTECT M80™ and PROTECT M90™ weigh approx. 6.5 kg less than 600i™. This makes them the lightest fog cannons on the market when comparing output.

## Features of PROTECT M80™

- Discharges 150 m3 fog in just 12 seconds and 250 m3 fog in 25 seconds (1 m. visibility)
- 4 times faster than 600i™ with improved pump
- Increased discharge speed with improved heating element
- 50% reduced weight
- Heating time reduced up to 50%
- Installation time reduced by 15 min.
- Service time reduced by 30 min.
- Connection to computer via standard USB cable
- Easier handling and service due to the optimized weight, weight distribution and design
- Easy access directly to PCB
- Avoid shooting errors during service by pushing the service button
- Intuitive configuration of the wanted amount of fog
- Lower standby energy consumption
- Less components and sources of error
- New generation of PCB and firmware
- Easy, quick and correct installation with IntelliSuite 2

## Specifications

### Fog performance, examples:

12 sec.: 150 m3

25 sec.: 250 m3

Fog performance, examples: 150 m3, 12 seconds or 250 m3, 25 seconds

Optional Fog Maintenance function

800 ml fluid bag. Disposable.

Enough fluid for 4 full shots

Advanced fluid measurement

Power consumption: 1000 W

Mains connection: 100-240VAC

Standby consumption after heating up: 40 W (on average)

Standby consumption when heat is disabled: 2 W

Heating time from cold: 15 min.

Re-heating time after full shot, ready to next full shot: 4 min.

Operating temperature (min./max.): -10/80° C. (Bat. = <50°)

6 inputs, configurable

5 outputs, configurable

Configuration by IntelliSuite 2 or DIP settings

Backup of electronics and pump (1 x 12V, 1,2Ah battery)

Battery backup performance: 150 m3 after 1 hour, 100 m3 after 1,5 hours

Built-in automatic battery testing

Optical status, visible without need to open the machine/remove cover

Audible status when machine requires service

Anti-sabotage, impact-resistant steel casing

Colours available: White

Dimensions: L: 330 W: 330 H:120 mm

Installation weight (no cover, battery, fluid): 6 kg

Optional mounting plate for easy installation

