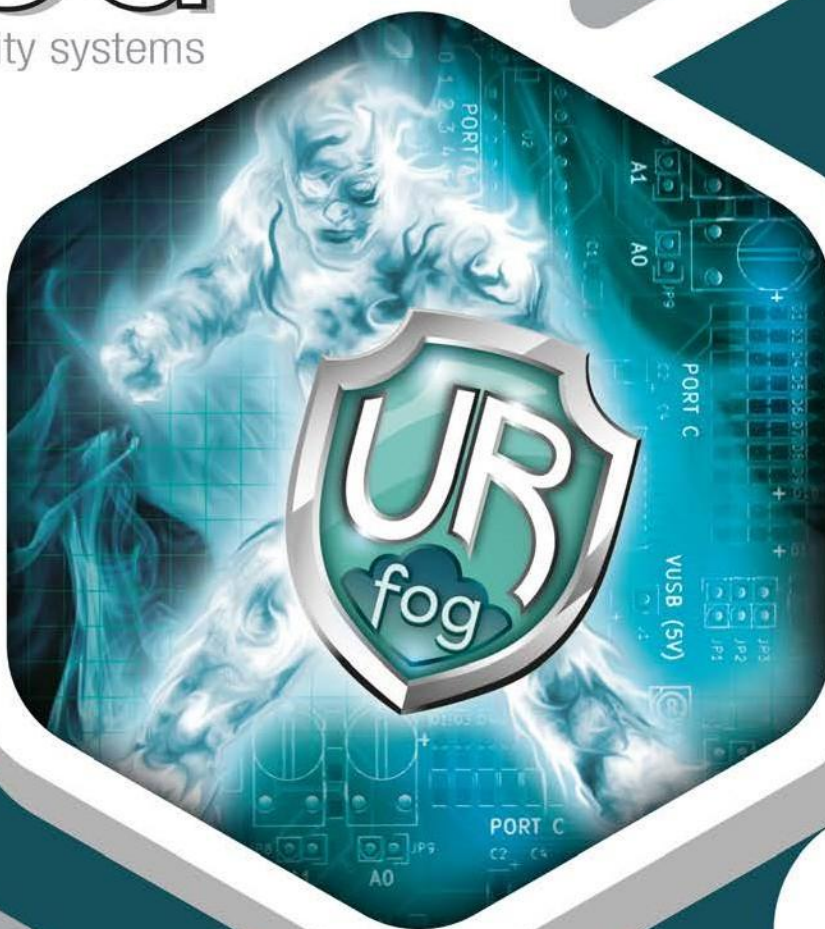


# UR FOG

The fastest fogging security systems



**PUMP LINE**



## CERTIFICATIONS

UR FOG machines have been developed, thanks to the internal R&D team and laboratories, with innovative solutions for security and fully respecting international approvals and regulations.

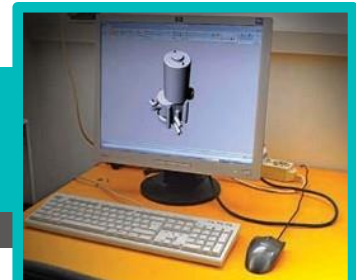
The fog fluid is certified by EUROFINS, one of the largest multinational companies for chemical, cosmetic, medicine certification, as not toxic for humans and animals and the fluid content is not in contrast with any Islamic country regulation. Products have been already sold in over 80 worldwide countries.

eurofins		Test Facility		Report No.	201517463-001			
bilibab				Version	English			
				Page	1 of 1			
				Print date	September 16 <sup>th</sup> 2015			
Final Report 201517463-001								
<b>TOXICOLOGICAL EVALUATION ON UR FOG CARTRIDGE</b>								
Study project:	201517463-001							
Contract ID:	RPM1201020701							
Sample:	UR FOG 001 VIA GIANFRANCO COLLEGGIO, 11 10143 TORINO							
Tested item:	UR FOG CARTRIDGE							
Study Director (Print Name):					Released on: Sept. 16 <sup>th</sup> 2015			
This report cannot be reproduced partially without a written approval of the Test Facility								
<table border="0"> <tr> <td><b>Eurofins Bilislab S.r.l.</b> Via Sesto San Giovanni, 2 00198 Roma (RM) Tel. +39 06 594234 - Fax +39 06 594235 www.eurofinslab.com</td> <td><b>Eurofins Bilislab S.r.l.</b> Via Sesto San Giovanni, 2 00198 Roma (RM) Tel. +39 06 594234 - Fax +39 06 594235 www.eurofinslab.com</td> <td><b>G.S.D. S.r.l.</b> Via Mazzini, 8 56121 Ospedaletto (PI) Tel. +39 0571 984234 - Fax +39 0571 984235 www.gsdlab.it</td> </tr> </table>						<b>Eurofins Bilislab S.r.l.</b> Via Sesto San Giovanni, 2 00198 Roma (RM) Tel. +39 06 594234 - Fax +39 06 594235 www.eurofinslab.com	<b>Eurofins Bilislab S.r.l.</b> Via Sesto San Giovanni, 2 00198 Roma (RM) Tel. +39 06 594234 - Fax +39 06 594235 www.eurofinslab.com	<b>G.S.D. S.r.l.</b> Via Mazzini, 8 56121 Ospedaletto (PI) Tel. +39 0571 984234 - Fax +39 0571 984235 www.gsdlab.it
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Fogging machines have EMC - FCC - CE approvals and respect EN 50131-8 regulation.

Laboratories		G.S.D. S.r.l.			
G.S.D. S.r.l.		G.S.D. S.r.l.			
PISA - Italy		PISA - Italy			
<b>CE MARKING</b>					
Attestation of Conformity n. 16591-AC-F					
Rev. 02					
Manufacturer	UR FOG S.r.l.				
Address	Via Giacomo Collegno, 11 10143 TORINO Italy				
Product	FAST 03 2C PRO-P, FAST 01 2C-P				
Product Family	FAST 03 1C PRO-P, FAST 02 2C PRO-P				
Testing Laboratory Name	G.S.D. S.r.l.				
Address	Via Mazzini, 8 56121 Ospedaletto PISA (PI) Italy				
Test specification	EN 50131-8 (2009) - Security fog device/systems IEC 62442-8 (2011) - Security fog device/systems EN 50130-5 (2011) - Environmental test method EN 61000-6-3 (2007) - Electromagnetic compatibility (EMC) EN 50130-4 (2009) - Electromagnetic compatibility (EMC) EN 50131-1 (2006) - System requirements EN 60065 (2002) - Electrical Safety requirements Environmental Classification: Class II Test does not include on-site installation, service and maintenance GSD project n. 16591				
Ref. documents	During April 11 and May 21, 2016 we have performed test in accordance to the above listed and referenced standards.				
Comments and Conclusions	The test item has fulfilled all the requirements without remarks. The product comply with European standard according to the test specification.				
Location and Date of Issue	Pisa, 2016 May, 23				
<table border="0"> <tr> <td><b>G.S.D. S.r.l.</b> Via Mazzini, 8 56121 OSPEDALETTO - PISA Tel. 0571 984234 - Fax 0571 984235 P. IVA 01542850505</td> <td><b>QUALITY MANAGER</b> </td> </tr> </table>				<b>G.S.D. S.r.l.</b> Via Mazzini, 8 56121 OSPEDALETTO - PISA Tel. 0571 984234 - Fax 0571 984235 P. IVA 01542850505	<b>QUALITY MANAGER</b> 
<b>G.S.D. S.r.l.</b> Via Mazzini, 8 56121 OSPEDALETTO - PISA Tel. 0571 984234 - Fax 0571 984235 P. IVA 01542850505	<b>QUALITY MANAGER</b> 				

G.S.D. S.r.l.			
PISA - Italy			
<b>CE MARKING</b>			
Attestation of Conformity n. 13288			
Rev. 02			
Report n. 13288			
UR FOG S.r.l.			
Via Giacomo Collegno, 11			
10143 TORINO			
Italy			
FAST 02-03			
FAST 02			
<table border="0"> <tr> <td><b>G.S.D. S.r.l.</b> Via Mazzini, 8 56121 OSPEDALETTO - PISA Tel. 0571 984234 - Fax 0571 984235 P. IVA 01542850505</td> <td><b>QUALITY MANAGER</b> </td> </tr> </table>		<b>G.S.D. S.r.l.</b> Via Mazzini, 8 56121 OSPEDALETTO - PISA Tel. 0571 984234 - Fax 0571 984235 P. IVA 01542850505	<b>QUALITY MANAGER</b> 
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## PRODUCT RANGE



### FAST 250 PUMP PRO PLUS

Up to 250 m<sup>3</sup> (recommended visibility)

One bag 1000 ml included

Shot programmable in seconds

Vertical/horizontal installation

THREE INPUTS: arming, shooting  
and PIR sensor validation

FOUR OUTPUTS: empty bag, fault, tamper,  
shot confirmation

Adjustable nozzle

*m<sup>3</sup> 250*

## TECHNICAL LIST

### PUMP LINE

	PUMP 250
MAX FOG EMISSION IN A SINGLE SHOT	250 m <sup>3</sup>
MAX SECONDS IN A SINGLE SHOT	30 sec
TOTAL EMISSION WITH FULL FOG BAGS	1500 m <sup>3</sup>
CYLINDERS OR PUMP	FOG STORM PUMP
FOG TANK CAPACITY	1 L PLASTIC BAG
WORKING TIME WITHOUT MAINS POWER	ABOUT 2 H
HEATING TIME	ABOUT 70 min.
VERTICAL MOUNTING	YES
HORIZONTAL MOUNTING	YES
SERIAL PORT FOR BUS	YES
AVERAGE POWER CONSUMPTION	37 W
BACK UP BATTERY	2 Ah
ELECTRONIC BOARD	PLUS
CABINET TYPE	PRO
FOG FLUID CERTIFIED AS NOT DANGEROUS	YES
EUROPEAN STANDARD CERTIFICATIONS	YES
HEATER CARTRIDGE	300 W



## PUMP LINE



### FAST 250 PUMP PRO PLUS

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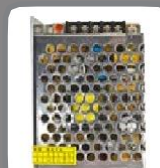
Adjustable nozzle

**m<sup>3</sup> 250**

The Fog Storm pump, specifically designed for glycol-based fluids, gives the PUMP line the unique flexibility needed to quickly safeguard small, medium and large volumes, up to 4000 m<sup>3</sup>. The models are equipped with security cabinets and an advanced electronic with 3 inputs and 4 outputs which recharge a standard 2 Ah battery (not included).



ADJUSTABLE  
NOZZLE



POWER SUPPLY AND  
2Ah BATTERY INSTALLED  
IN PUMP PRO PLUS  
FOG MACHINES  
(BATTERY NOT INCLUDED)



RECHARGE	VERTICAL HORIZONTAL	LIQUID QUANTITY (ml)	FOG MACHINE MODEL
	VERTICAL HORIZONTAL	1000	Fast 250 PUMP PRO PLUS Fast 500 PUMP PRO PLUS Fast 1500 PUMP PRO PLUS
	VERTICAL	3000 4000	Fast 250-500 PUMP PRO PLUS (WITH TOP BOX) Fast 4000 PUMP PRO PLUS Fast 1500 PUMP PRO PLUS (WITH TOP BOX)





m<sup>3</sup> 250

## FAST 250 PUMP PRO PLUS

It is the ideal fogging system to protect small /medium areas like shops, homes, garages. When the machine is triggered it shoots for the seconds set, when the bag is empty you just replace it with a new one in a very easy way. The fluid bag covers 250 m<sup>3</sup> in 30 seconds. It is prearranged to an easy wall installation and it has a lower compartment to equip boards or accessories if needed.

### GENERAL SPECIFICATIONS

WEIGHT OF THE FOG MACHINE

ABOUT 14 KG

WEIGHT WITH PACKAGING

ABOUT 15 KG

UNITS ON ONE PALLET 100X120

24

DIMENSION OF THE MACHINE

21,5X27,0XH43,5

DIMENSION OF THE PACKAGING

26,0X38,0XH53,0

COLORS

WHITE

WORKING TIME WITHOUT MAINS POWER

ABOUT 2 HOURS

HEAT UP TIME FROM COLD

ABOUT 70 MINUTES

VERTICAL MOUNTING

YES

HORIZONTAL MOUNTING

YES

SERIAL USB PORT FOR MONITORING

YES

NOZZLE TAMPER

YES

SERIAL BUS FOR STANDARD PROTOCOL

YES

ALARM KIT

OPTIONAL

### FOG GENERATOR

NEW HEATING SYSTEM PLUS

YES

COVERAGE IN A SINGLE SHOT (1,5 M VISIBILITY)

UP TO 350 m<sup>3</sup>

COVERAGE IN A SINGLE SHOT (RECOMMENDED DENSITY)

UP TO 250 m<sup>3</sup>

MAX SECONDS OF FOG EMISSION

30 sec

MAX FOG EMITTED WITH FULL FOG BAG

1500 m<sup>3</sup>

NUMBER OF BAG

1

FOG TANK CAPACITY

1x 1000 ml

SHOOTING SPECIFICATION

PROGRAMMABLE IN SECONDS

BAG INCLUDED

1

### ELECTRICAL SPECIFICATIONS

POWER SUPPLY

230 V or 110 V

AVERAGE POWER CONSUMPTION

37 W

BACK UP BATTERY

YES

PIR SENSOR VALIDATION INPUT

YES

SHOT CONFIRMATION OUTPUT

YES

### STANDARDS

COMPLIES WITH EUROPEAN CE

YES

FOG FLUID IS CERTIFIED

YES

MEETS EUROPEAN STANDARD

YES



Powerful and fast fogging system, can cover up to 250 m<sup>3</sup> in 30 seconds.



The innovative formula of the fog fluid has a high percentage of glycol which ensures an extremely dense fog.



Disposable recharge, very easy to replace, at a very competitive price.



The perfect thermal insulation allows to reduce the power consumption and also to save energy.



Exclusive patented system that allows to automatically detects if the nozzle has been obstructed by sending a signal in case of tampering.



A serial bus allows to add additional boards to each UR Fog system for an easier interface with all kinds of alarm centrals.



UR FOG fogging systems are innovative in their technology and performances, in order to guarantee the most effective protection against thefts and they have different patents.



UR Fog fogging systems are certified according to the European standards, the fog fluid is tested and is absolutely safe for people, animals and objects and doesn't leave any residual.





## ACCESSORIES

Bag 1000 ml

Bag 3000 ml

Bag 4000 ml

Top BOX 3000 ml

Top BOX 4000 ml

Nozzle extension 7cm

3 holes nozzle

Demo Kit

Antirobbery cable

Antirobbery button

Relay board

Arming key

Keyfob + receiver

Transceiver rs232 5/12 V

WI-FI LAN board with cloud

LAN board with cloud

Wall metal bracket

2 Handlers



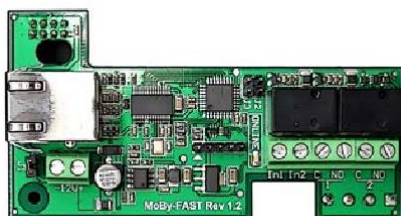
## ADD-ON BOARDS



### Relay board

is designed to provide four relay outputs, potentially free.

### LAN BOARD WITH CLOUD



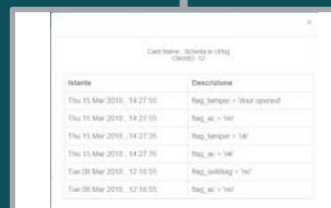
Cloud LAN board to monitor fogging machines and diagnostic. Great advantage for all installers that can check from remote if any maintenance is needed.



Register a new user account



Connect with all installed LAN boards



Check the parameters of all connected machines

### WI-FI LAN BOARD WITH CLOUD



### WI-FI LAN BOARD

The WIFI LAN board allows wired or wireless Lan connection. Through the extremely secure Cloud service, provided for free, it allows, in addition to the systems monitoring, to remotely activate the controls of arming, shooting and setting in seconds the fogging system.



**UR FOG S.r.l.**

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Sede operativa e magazzini / Operation and delivery to : via Toscana n° 38 - 10099 San Mauro T.se ( Torino ) - Italy  
C.F. / P. Iva 10724850010 - Reg. imprese TO - 1157030 - Numero Iscrizione Reg. AEE: IT19050000011412

Cap. Soc. Euro 10.000 int. versati

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