

UR FOG



Speed
and density
make
the difference

FAST
PRO PLUS
Line



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D



UR FOG Group



NOREL MESHWAVE

Is a company that develops and manufactures electronic systems for different fields of application.

Since the company's foundation, in 2004, we have designed and produced boards for cars, trucks, boats, trains, airplanes, helicopters and industrial machines for both civil and military users. Our expertise range from system engineering to hardware/firmware design, EMC compliance and certification, boards manufacturing and consulting services.



TECHNOWAVE INTERNATIONAL

Is the business unit following international sales of UR FOG group.

Based in Minsk, Republic of Belarus.

It is specialized in sales and support of security fogging systems and wireless mesh technology.

Technowave actually follows distributors, OEM and large system integrators in more than 50 countries.

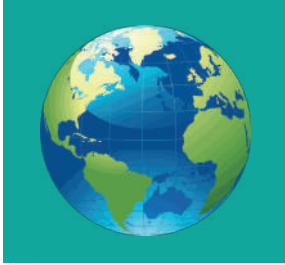
Yuliya Koleichick, CEO of Technowave International Ltd, has been supporting all UR FOG international sales from the start of UR FOG group, following all stages of product developments to the establishment of the international sales channels.



STEMAR s.n.c.

Is a precision mechanical workshop.

That was born in 2011 from the experience of the partners Luca and Paolo in the aeronautical field. The company is able to deal with complete mechanical processes such as milling, turning, grinding, welding, assembling of prototypes and series, construction of equipment and processing on any type of material. Stemar has a technical office on CAD CAM system programming and a department dedicated to products testing.



WE DESIGN, PATENT AND PRODUCE FOGGING SYSTEM TECHNOLOGY

UR Fog is the most innovative and powerful anti-intrusion system on the market.

A team of professionals and engineers with over 20 years of experience in the development of new products and distribution management all over the world.

We are market leader in the security sector

Thanks to the high quality and superior technology of our products, guaranteed by the company's in-house technical expertise and patents protecting technological innovations.

UR Fog's philosophy is simple:

the best performing products at the best price with a focus on quality control.

UR Fog's exceptional fog emission speed performance is certainly the easiest way to compare with other existing systems.

Given the real and effective potential of this innovative security system, a rapidly expanding and growing market in business and demand has opened up, with sales volume expected to increase more than 20 times over the next 5 years.



Our quality and performance are certified worldwide

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

Fogging machines have **EMC, FCC, CE** approvals and **EN 50131-8:2019** certification.

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.



Fast 03 1C Pro Plus

Security fogging systems



PROFESSIONAL LINE

It is the ideal fogging system to protect small volume spaces, shops, homes and generally all professional applications where top security technology is needed.

It is equipped with one cylinder for a very convenient, reliable and redundant shooting, shoots up to 200 m³ of dense fog in 15 seconds. **It is very fast and competitive.**

It is prearranged to an easy wall installation and it has a lower compartment to equip boards or accessories if needed.

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 after European regulation. Fog fluid is assessed as not dangerous for people and animals and does not leave residuals.



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



Plus electronic board

OPTIONAL ACCESSORIES



Battery 2Ah



Powerful and fast fogging system, can cover up to **600 m³ in 15 seconds** (200 m³ recommended visibility).



Double cylinder patented technology

Removable and disposable fog cylinder, very easy to change and with a very competitive price.



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



Vertical recharge
Liquid quantity 600 ml
Horizontal recharge
Liquid quantity 600 ml



Thanks to the massive insulation UR FOG fogging systems have a very low power consumption and can shoot for a long time in absence of mains power; temperature is constantly stable.

Long lasting operation time without mains
The innovative thermal insulation of the heater allows UR Fog systems to work for a long period of time without mains power: from 1,5 h up to 3,5h!

FAST PRO PLUS Line

200

Fast 03 1C Pro Plus

GENERAL SPECIFICATIONS

Weight of the fog machine	about 13 KG
Weight with packaging about	14 KG
Units on one pallet 100×120	24
Dimension of the machine	21,5 X27,0 XH43,5
Dimension of the packaging	25,0 X37,0 XH47,0
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	opzional

STANDARD

Complies with european CE	yes
Fog fluid is certified	yes
Meets european standard	yes

FOGGING SYSTEM

New heating system plus	yes
Coverage in a single shot (1,5 m visibility)	up to 600 m ³
Coverage in a single shot (recommended density)	up to 200 m ³
Max seconds of fog emission	15 sec
Max fog emitted with full fog tank	900 m ³
Number of cylinders	1
Fog tank capacity	1 x 600 ml
Shooting specification	programmable in seconds
Cylinder model	vertical / horizontal
Cylinder included	1

ELECTRICAL SPECIFICATIONS

Power supply	230 V or 110 V
Average power consumption	37 W
Back up battery	yes
Optional demo/antirobbery kit	yes
Inputs wired arming and shooting	yes
Outputs wired	yes
Standard communication protocol	yes

Fast 03 2C Pro Plus

Security fogging systems



PROFESSIONAL LINE

It is the ideal fogging system to protect small volume spaces, shops, homes and generally all professional applications where top security technology is needed.

It is equipped with **two cylinders** for a very convenient, reliable and redundant shooting, shoots up to 200 m³ of dense fog in 15 seconds. **It is very fast and competitive.**

It is prearranged to an easy wall installation and it has a lower compartment to equip boards or accessories if needed.

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 after European regulation. Fog fluid is assessed as not dangerous for people and animals and does not leave residuals.



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



Plus electronic board

OPTIONAL ACCESSORIES



Battery 2Ah



Powerful and fast fogging system, can cover up to **600 m³ in 15 seconds** (200 m³ recommended visibility).



Double cylinder patented technology

One of our patent and the best way to emit fog, thanks to the automatic switch between the first and the second cylinder (when the first one is empty).

They are disposable and easy to replace.



Vertical recharge
Liquid quantity 600 ml

Horizontal recharge
Liquid quantity 600 ml



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



Thanks to the massive insulation UR FOG fogging systems have a very low power consumption and can shoot for a long time in absence of mains power; temperature is constantly stable.

Long lasting operation time without mains

The innovative thermal insulation of the heater allows UR Fog systems to work for a long period of time without mains power: from 1,5 h up to 3,5h!

FAST PRO PLUS Line

200

Fast 03 2C Pro Plus

GENERAL SPECIFICATIONS

Weight of the fog machine	about 14 KG
Weight with packaging about	15 KG
Units on one pallet 100×120	24
Dimension of the machine	21,5 X27,0 XH43,5
Dimension of the packaging	25,0 X37,0 XH47,0
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	opzional

STANDARD

Complies with european CE	yes
Fog fluid is certified	yes
Meets european standard	yes

FOGGING SYSTEM

New heating system plus	yes
Coverage in a single shot (1,5 m visibility)	up to 600 m ³
Coverage in a single shot (recommended density)	up to 200 m ³
Max seconds of fog emission	15 sec
Max fog emitted with full fog tank	1800 m ³
Number of cylinders	2
Fog tank capacity	2 x 600 ml
Shooting specification	programmable in seconds
Cylinder model	vertical / horizontal
Cylinder included	2
Double fog tank advantage	yes

ELECTRICAL SPECIFICATIONS

Power supply	230 V or 110 V
Average power consumption	37 W
Back up battery	yes
Optional demo/antirobbery kit	yes
Inputs wired arming and shooting	yes
Outputs wired	yes
Standard communication protocol	yes

Fast 02 2C Pro Plus

Security fogging systems



PROFESSIONAL LINE

It is the ideal fogging system to protect medium areas like large shops, homes, and generally all professional applications where top security technology is needed. It is equipped with **two cylinders** for a very convenient, reliable and redundant shooting, shoots up to 400 m³ of dense fog in 25 seconds. **It is very fast and competitive.** It is prearranged to an easy wall installation and it has a lower compartment to equip boards or accessories if needed.

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 after European regulation. Fog fluid is assessed as not dangerous for people and animals and does not leave residuals.



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



Plus electronic board

OPTIONAL ACCESSORIES



Battery 2Ah



Powerful and fast fogging system, can cover up to **1200 m³ in 25 seconds** (400 m³ recommended visibility).



Double cylinder patented technology
One of our patent and the best way to emit fog, thanks to the automatic switch between the first and the second cylinder (when the first one is empty). They are disposable and easy to replace.



Vertical recharge
Liquid quantity 600 ml



Horizontal recharge
Liquid quantity 600 ml



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



Thanks to the massive insulation UR FOG fogging systems have a very low power consumption and can shoot for a long time in absence of mains power; temperature is constantly stable.

Long lasting operation time without mains
The innovative thermal insulation of the heater allows UR Fog systems to work for a long period of time without mains power: from 1,5 h up to 3,5h!

FAST PRO PLUS Line

400

Fast 02 2C Pro Plus

GENERAL SPECIFICATIONS

Weight of the fog machine	about 18 KG
Weight with packaging about	20 KG
Units on one pallet 100×120	24
Dimension of the machine	21,5 X27,0 XH43,5
Dimension of the packaging	25,0 X37,0 XH47,0
Colors	white
Working time without mains power	about 2 hours
Heat up time from cold	about 90 minutes
Vertical mounting	yes
Horizontal mounting	yes
Serial usb port for monitoring	yes
Nozzle tamper	yes
Serial bus for standard protocol	yes
Alarm kit	opzional

STANDARD

Complies with european CE	yes
Fog fluid is certified	yes
Meets european standard	yes

FOGGING SYSTEM

New heating system plus	yes
Coverage in a single shot (1,5 m visibility)	up to 1200 m ³
Coverage in a single shot (recommended density)	up to 400 m ³
Max seconds of fog emission	25 sec
Max fog emitted with full fog tank	1800 m ³
Number of cylinders	2
Fog tank capacity	2 x 600 ml
Shooting specification	programmable in seconds
Cylinder model	vertical / horizontal
Cylinder included	2
Double fog tank advantage	yes

ELECTRICAL SPECIFICATIONS

Power supply	230 V or 110 V
Average power consumption	42 W
Back up battery	yes
Optional demo/antirobbery kit	yes
Inputs wired arming and shooting	yes
Outputs wired	yes
Standard communication protocol	yes

Fast 01 2C Pro Plus

Security fogging systems



PROFESSIONAL LINE

It is the most powerful machine in the market, ideal to protect large areas like big shops, warehouses, superstores or even to protect targets in open space. Shoots 1200 m³ of dense fog in 70 seconds.

It is equipped with **two removable fog cylinders**.

It is prearranged to an easy wall installation and it has a side compartment to equip boards or accessories if needed.

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 after European regulation. Fog fluid is assessed as not dangerous for people and animals and does not leave residuals.



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



Plus electronic board

OPTIONAL ACCESSORIES



Battery 2Ah



Powerful and fast fogging system, can cover up to **3600 m³ in 70 seconds** (1200 m³ recommended visibility).



Double cylinder patented technology
One of our patent and the best way to emit fog, thanks to the automatic switch between the first and the second cylinder (when the first one is empty). They are disposable and easy to replace.



Vertical recharge
Liquid quantity 600 ml
Horizontal recharge
Liquid quantity 600 ml



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



Thanks to the massive insulation UR FOG fogging systems have a very low power consumption and can shoot for a long time in absence of mains power; temperature is constantly stable.

Long lasting operation time without mains
The innovative thermal insulation of the heater allows UR Fog systems to work for a long period of time without mains power: from 1,5 h up to 3,5h!

FAST PRO PLUS Line

1200

Fast 01 2C Pro Plus

GENERAL SPECIFICATIONS

Weight of the fog machine	about 29 KG
Weight with packaging about	31 KG
Units on one pallet 100×120	12
Dimension of the machine	28,5 x36,0 xh43,5
Dimension of the packaging	39,0 X51,0 XH51,0
Colors	white
Working time without mains power	more than 2,5 hours
Heat up time from cold	about 2 hours
Vertical mounting	yes
Horizontal mounting	opzional
Serial usb port for monitoring	yes
Nozzle tamper	yes
Serial bus for standard protocol	yes
Alarm kit	opzional

STANDARD

Complies with european CE	yes
Fog fluid is certified	yes
Meets european standard	yes

FOGGING SYSTEM

New heating system plus	yes
Coverage in a single shot (1,5 m visibility)	up to 3600 m ³
Coverage in a single shot (recommended density)	up to 1200 m ³
Max seconds of fog emission	70 sec
Max fog emitted with full fog tank	1800 m ³
Number of cylinders	2
Fog tank capacity	2 x 600 ml
Shooting specification	programmable in seconds
Cylinder model	vertical / horizontal
Cylinder included	2
Double fog tank advantage	yes

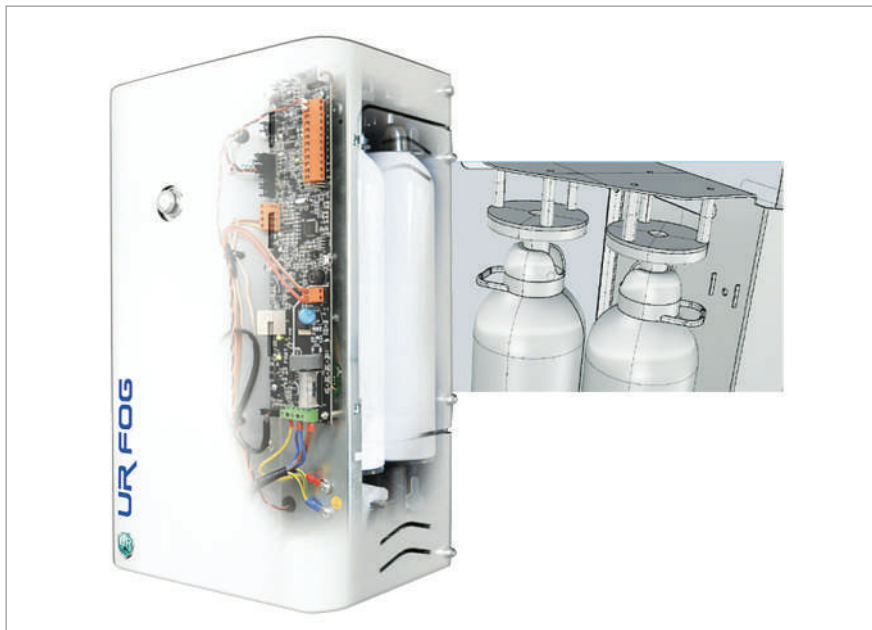
ELECTRICAL SPECIFICATIONS

Power supply	230 V or 110 V
Average power consumption	60 W
Back up battery	yes
Optional demo/antirobbery kit	yes
Inputs wired arming and shooting	yes
Outputs wired	yes
Standard communication protocol	yes

FAST PRO PLUS Line

The professional line with the cylinder technology

PRO cabinet with 600 ml cylinders, resistant to vibrations.
Double cylinder patented technology.



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