

**USER MANUAL**

DEFECT FOUND	POSSIBLE CAUSE	POSSIBLE SOLUTION
BLUE LED is flashing	Overvoltage power line (110/240 V)	Try to reset. In case of unsuccessful restore the PCB can be damaged, contact the assistance service.
The buzzer emits a continuous sound	Overtemperature of the PCB	Check there is a sufficient ventilation around the machine.
	Disturbance / interference or potential differences between devices	In the case of strong interference (lightning) can occur a thermocouple reading error, make a reset. In case of unsuccessful restore can be occurred a potential difference or a fault.
BLUE and RED LEDS are flashing alternately		In large size plants or with more than on fogging system connected with the same central, in rare situations, it may occur that there are potential differences between the equipments and it could be necessary to uncouple them.
	Error in the thermal loop	Possible fault of: thermocouple, resistance or fuse cable. Don't try to repair. Contact the assistance service center.
Impossible to arm the machine BLUE LED doesn't switch on	Wiring error	Check on the terminal with a tester that when the alarm system is tuned on there is a minimum voltage of 11 V between - GND (5) + ARM (3).
When you press the reset button you don't hear the sound of the buzzer, the frontal LED are flashing but the RED LED does not reset	The Jumper P3 is in the "SET" position	 <p><b>Warning in this case shooting time is reset to zero</b></p>
Setting the shooting time, the buzzer does not sound and the LEDs do not flash	The jumper P3 stands in the "RESET" position	See the setting mode of the shooting



**FAST PUMP PRO PLUS**  
 FAST 250 PUMP PRO PLUS  
 FAST 500 PUMP PRO PLUS  
 FAST 1500 PUMP PRO PLUS  
 FAST 4000 PUMP PRO PLUS

**ENGLISH MANUAL**

## FRONT LEDS MEANING

The purpose of this manual is to provide simple indications to report to the person in charge of the maintenance or assistance of the device for the diagnosis of any malfunctions.

The unit should not be opened (not even for the replacement of liquid bags) by unqualified personnel.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Children should be supervised to ensure that they do not play with the appliance



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**ARM  
FAULT**

### BLUE LED

**When on:** the machine is armed and, if hot, it's ready to shoot.

**When flashing:** something is wrong (see "DEFECTS AND POSSIBLE SOLUTIONS")

**EMPTY  
RESERVE**

### RED LED

**When on:** the bag is empty or it is in reserve.

**When flashing:** something is wrong (see "DEFECTS AND POSSIBLE SOLUTIONS")

**HEATING**

### GREEN LED

**When on:** the machine is hot and ready for the fog emission.

**When flashing:** the heating process is in progress. In this step the machine is heating but is not ready to shoot.



**IF THE BLUE LED IS FLASHING, TOGETHER WITH A CONTINUOUS SOUND FROM THE BUZZER, A PROBLEM IS DETECTED. SEE "DEFECTS AND POSSIBLE SOLUTIONS"**

The symbol of empty bag, has the meaning of "RESERVE"

It means that, since the last bag reset the machine has shot at least 100" (PUMP 250) or 60" ( PUMP 500).

## DEFECTS POSSIBLE SOLUTION

DEFECT FOUND	POSSIBLE CAUSE	POSSIBLE SOLUTION
When you arm the machine you hear an internal buzz, like a motor	The compressor is checking that there are no obstructions in the circuit of fog emission	When the machine is armed, for 15 minutes the compressor will monitor the nozzle. After this time it will deactivate automatically: if the fogging system is disarmed, the compressor will go on with it reaches 15 minutes. If the machine is disarmed and then armed again, the count will start again from zero.
When you arm the fogging system, a little fog flow goes out from the nozzle even if the machine has never shot before	During testing phase in the factory, we also test the quality of fog in all produced systems, a little quantity of the fog liquid remains in the ducts	This emission occurs just at first activation, it will decrease visibly with any activation, until disappearing completely. After an eventual disassembly and reinstallation or after the transport of the machine, with the first activations a little flow of fog can occur again.
The 3 frontal LED are flashing and the buzzer emits 1 beep for minute	The tension on +12 V input is too low or too high	Check the external power supply or the alarm unit
The buzzer emits 2 beep for minute	Low battery but possible shot	Verify/replace battery
The buzzer emits 3 beep for minute	Low battery but possible shot	Verify/replace battery
The buzzer emits 10 continuous beep for minute	Battery not present	Insert battery
	Connector not inserted correctly	Remove and reinsert the connector
The machine is armed (BLUE LED ON) but doesn't shoot	Verify that jumper W5 is inserted	Insert jumper W5
	The front RED LED is on	Bag reset has not been made Bag is in reserve or empty-Change the bag
	The front GREEN LED flashes	The heat exchanger has not yet reached the minimum temperature of shooting, wait for the led to stop flashing standard heating time: 60 min.
	Wiring error	Verify that the alarm, once activated has tension on connectors of at least 12 V between GND(5) + SHOOT(4)