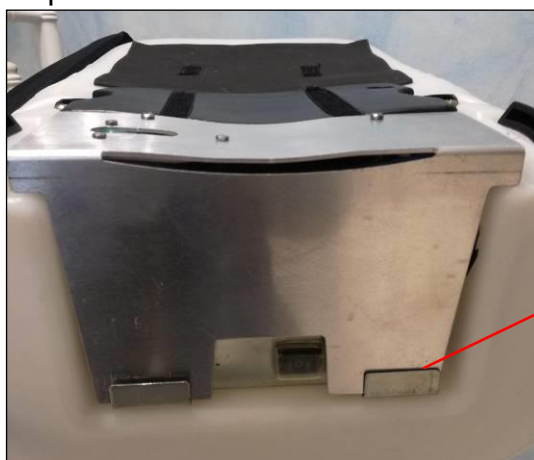


## STARTING THE BACKPACK ATOMIZER

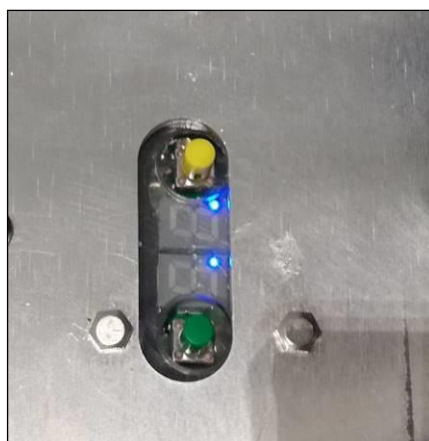
The backpack atomizer is switched on by acting on the main switch, located at the rear of the backpack.



MAIN SWITCH

**Pict. 5.5:** Main switch of the backpack atomizer

Once the button switch has been pressed, the display under the battery compartment comes on. The display starts blinking. This means the machine is setting up. If the LEDs are on steadily this means the battery is flat and needs recharging.



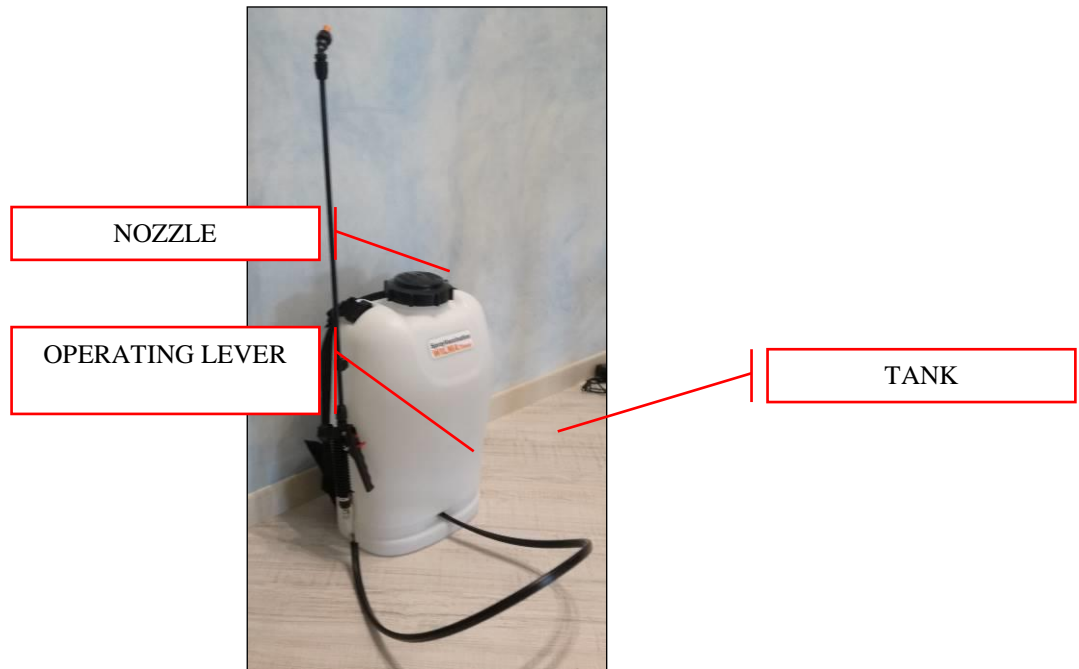
**Pict. 5.6:** Backpack display (only for Wilma timer model)

## SPRAYING A VACCINE THROUGH THE NOZZLE

The pump is started by acting on the nozzle lever. If the lever is kept pressed, the vaccine spraying time starts (as set on display) and lasts as set. Once the set spraying cycle is over, the lever is released to reset the cycle. If the quantity of vaccine in the tank or in the pump is not enough, the backpack keeps working for two minutes and then it switches off automatically.

To fill the circuit faster, we recommend you remove the nozzle temporarily and activate the pump, loosen the cap and pour the content into the tank until the air within the circuit has been totally evacuated. Tighten the nozzle

back on the atomizer and start working. Everything will be perfectly effective.



**Pict. 5.7 :** Operating lever

Should you wish to guarantee the endless cycle operation, proceed as follows:

- Hold the nozzle;
- Press the lever and start vaccine distribution;
- Once the first cycle is over, do not release the lever. Distribution will continue until the lever is released.

A locking lever on the nozzle allows the endless cycle to continue with no excessive efforts .



**Pict. 5.8:** Nozzle in the open position



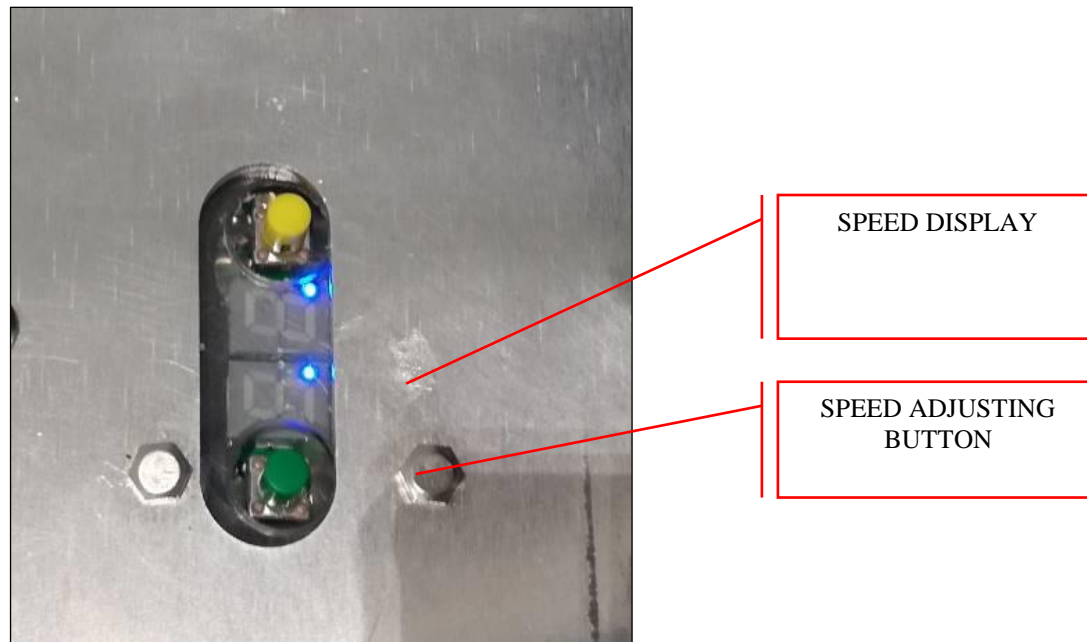
**Pict. 5.9:** Nozzle in locked and closed position

## 5.7 DISTRIBUTION SPEED SELECTION (FOR WILMA TIMER MODEL ONLY)

A display with two buttons and an indicator is installed on the backpack atomizer.

The machine is one of the most versatile atomizers in the market, thanks to four variable speeds that can be set from the display located at the rear of the backpack. The display consists of two buttons and an indicator. The green button permits to set the 4 speeds, P1 (min.) through P4 (max.), whereas P means POWER. Setting is obtained by holding the green button pressed for three seconds until the value is displayed on P1. Press the green button again to set the other speeds until you obtain the required speed value. You do not need to hold the button down this time. The selected speed shall correspond to the type of nozzle in use.

**If the nozzle is too small, the pressure switch on the pump might trip. In this event decrease speed until the on-and-off stops.**



**Pict. 5.7 :** Speed selection

## 5.8 5.7 DISTRIBUTION QUANTITY SELECTION (FOR WILMA TIMER MODEL ONLY)

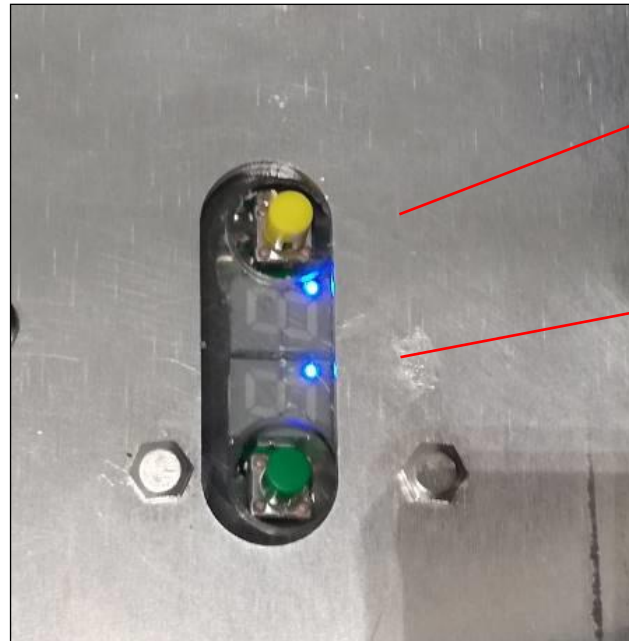
This atomizer comes with an exclusive proportioning system which allows to choose the right quantity of vaccine to spray based on one's own specific conditions (example: based on the number of animals per box)

This display consists of two buttons and an indicator. The yellow button indicates the possibility of setting quantity based on the 18 seconds time split in 99 intervals. Setting is obtained by holding the yellow button pressed for three seconds until number 1 is displayed. Press the yellow button again to set the required quantity. You do not need to keep it pressed this time.

**Use a graduated cylinder to measure the precise quantity being distributed . Correct the timer when you reach the required quantity. The quantity setting varies in view of speed and nozzle type in use.**

Quantities are distributed precisely and repeatedly whenever the nozzle control lever is activated. If you hold it down the preset quantity will be sprayed. The operation stops automatically and the operator shall release the lever at the same time. This is repeated every time.

Should the operator hold the lever pressed, after stopping for two seconds the spraying starts again without any further automatic interruption unless the lever is released once again.



QUANTITY  
ADJUSTING BUTTON

TIMER DISPLAY  
SCALE 0>99 FOR  
QUANTITY  
ADJUSTMENT

**Pict. 5.7** : Quantity selection

## 5.9 SAFETY SWITCH

If the atomizer is left idle for two minutes, it will go off automatically. It can be restarted by simply holding the atomizer nozzle lever pressed for a few seconds.