

## **TEKNAEVO TPG**

**INSTALLATION MANUAL** 

ΕN

**HANDBUCH** 

DE

**MANUAL DE INSTALACION** 

**ES** 

WWW.WINWINDOOIS MANUEL D'INSTALLATION

FR

MANUALE D'INSTALLAZIONE

IT

MANUAL DE INSTALAÇÃO

PT

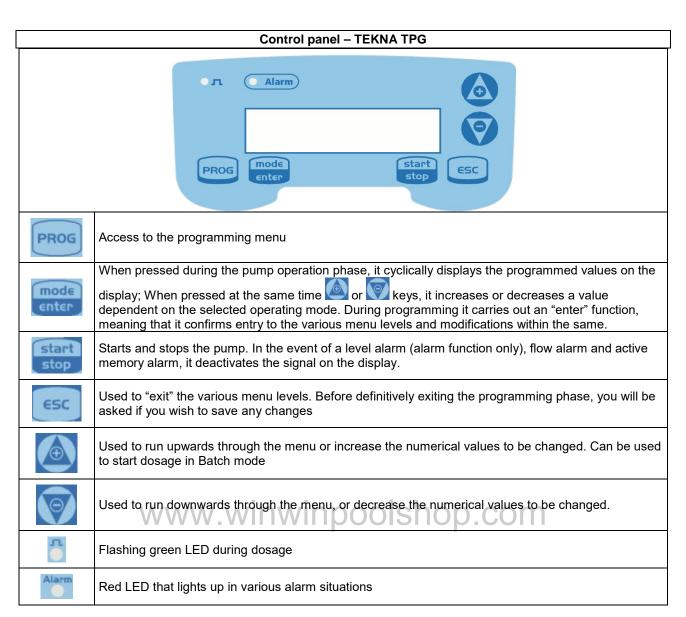
KULLANIM KLAVUZU

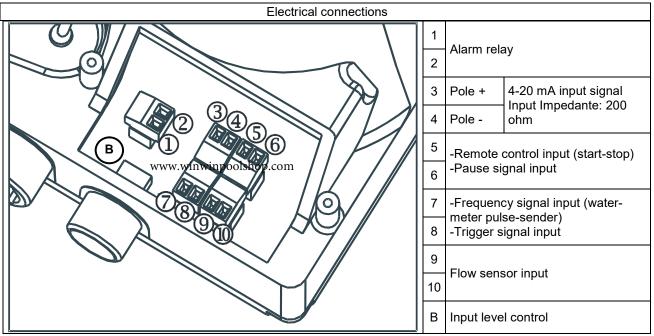
TR

РУКОВОДСТВО ПО УСТАНОВКЕ И ЭКСПЛУАТАЦИИ

RU

EM00136061 rev. 2.5





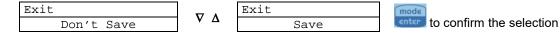
## **Programming menu TPG**

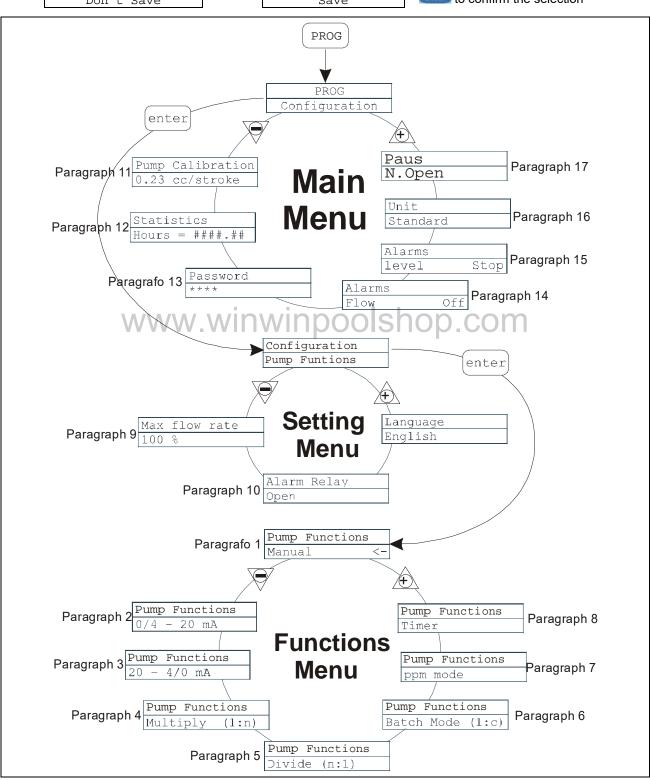
You can access the programming menu by pressing the key for over three seconds. The keys can

be used to run through the menu items, with the lenter key being used to access changes.

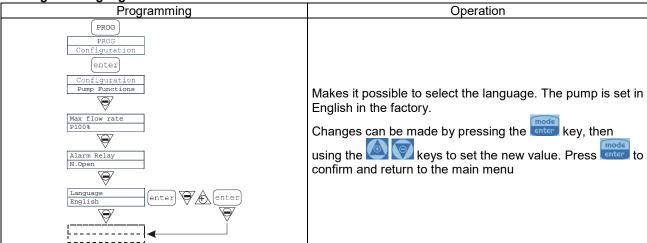
The pump is programmed in constant mode in the factory. The pump automatically returns to the operating mode after 1 minute of no activity. Any data entered in these circumstances will not be saved.

The show: key can be used to exit the various programming levels. Upon exiting programming, the display will show:

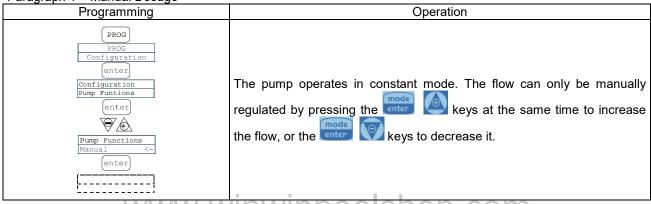


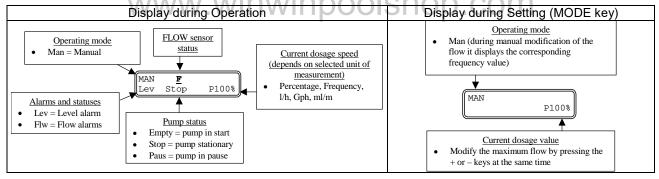


**Setting the Language** 

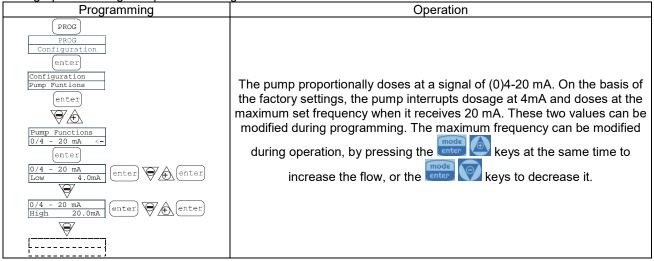


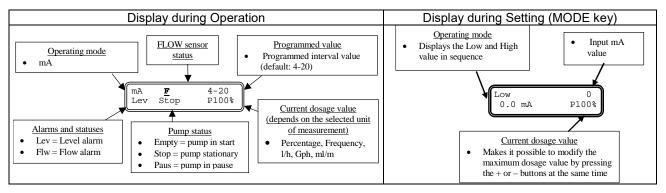
Paragraph 1 - Manual Dosage



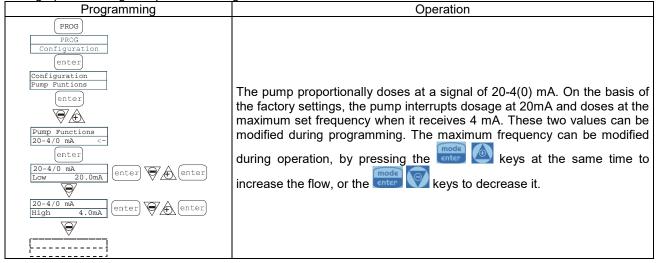


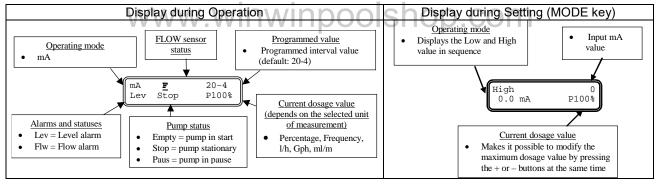
Paragraph 2 - Dosage Proportional to Signal 0/4-20



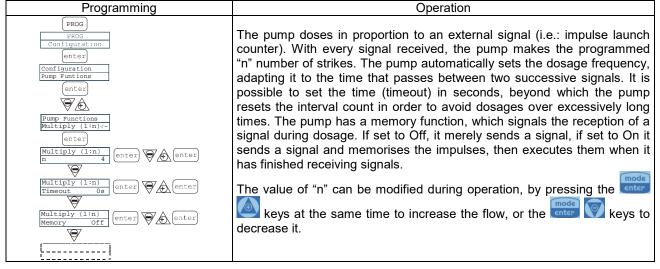


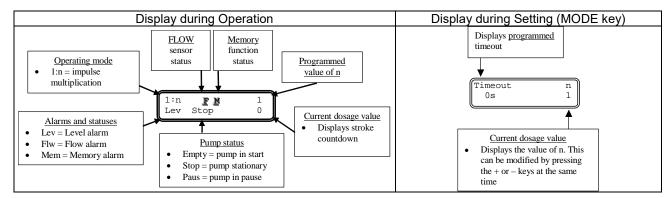
Paragraph 3 - Dosage Proportional to Signal 20-4/0 mA



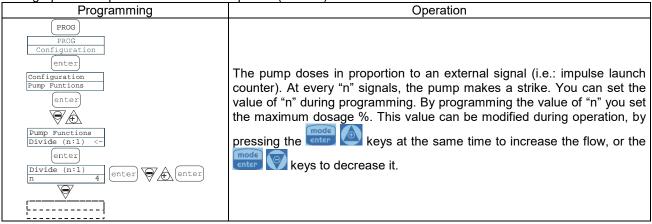


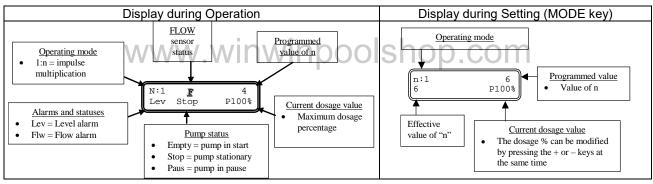
Paragraph 4 – Proportional to External Impulses (multiplication)



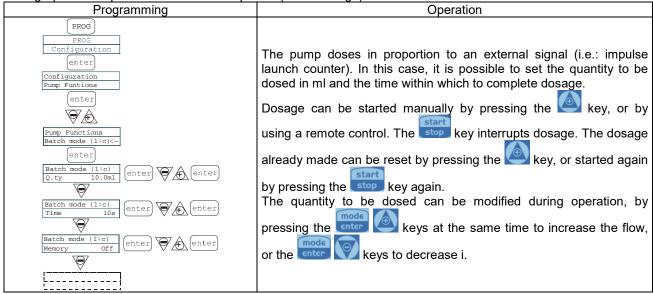


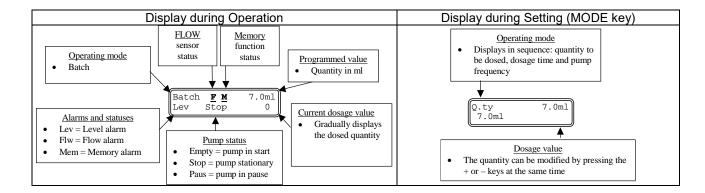
Paragraph 5 – Proportional to External Impulses (division)



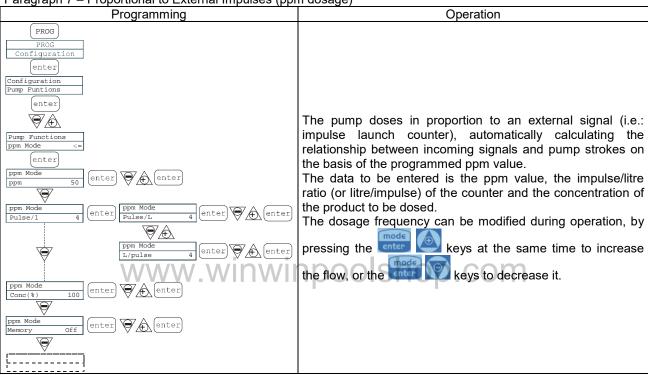


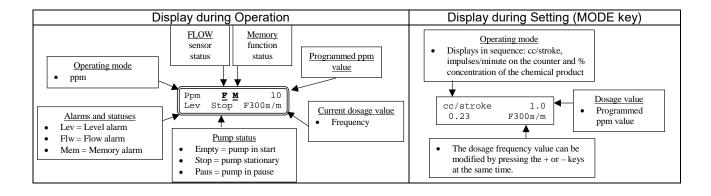
Paragraph 6 – Proportional to External Impulses (batch dosage)

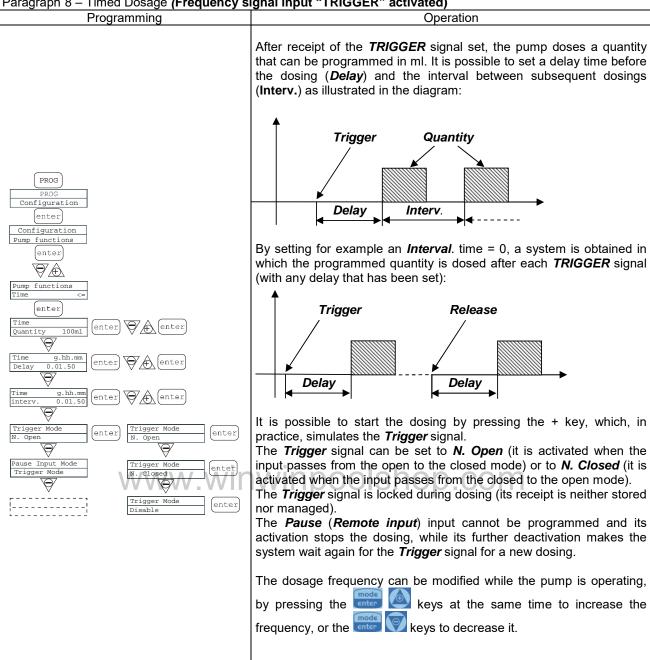


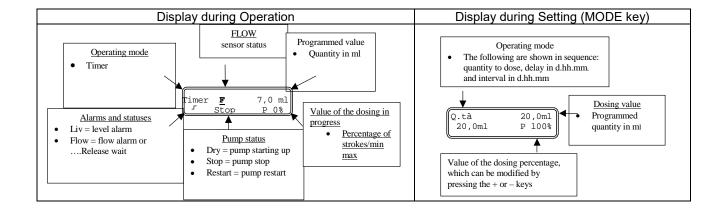


Paragraph 7 - Proportional to External Impulses (ppm dosage)

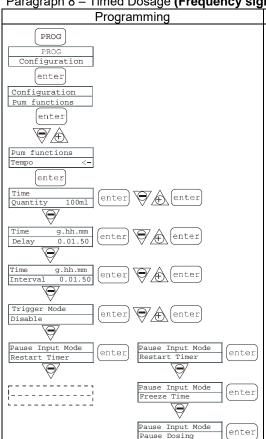






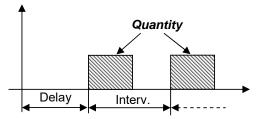


Paragraph 8 – Timed Dosage (Frequency signal input "TRIGGER" not activated)



Operation

The pump doses a programmed quantity in ml. It is possible to set a pump delay time (*Delay*) when the pump is started and an interval between two successive dosings (*Interval*), as illustrated in the diagram:



The **Delay** and **Interval** times are in dd.hh.mm (days, hours, minutes)

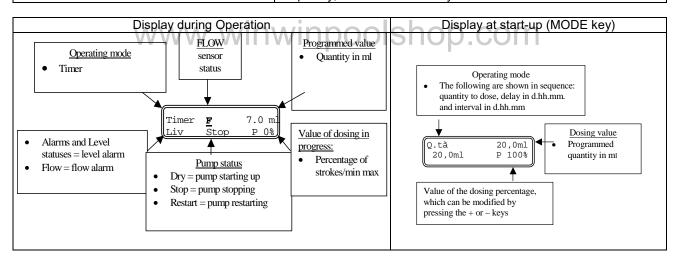
The **Pause** input can be programmed in three different modes:

- FreezeTime: when the pause is activated, the system cuts out the current time count and restarts it when the pause is deactivated.
- 2. **Pause Dosing:** with the pause activated, the system continues to count time the and stops the dosing.
- Restart Timer: when the pause is activated, the system stops the dosing and when the pause is deactivated the count starts again from the beginning.

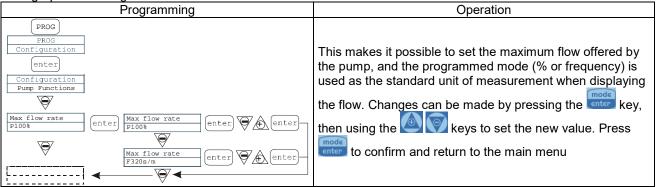
The dosage frequency can be modified while the pump is operating,

by pressing the keys at the same time to increase the

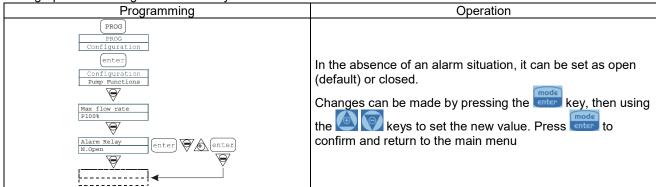
frequency, or the keys to decrease it.



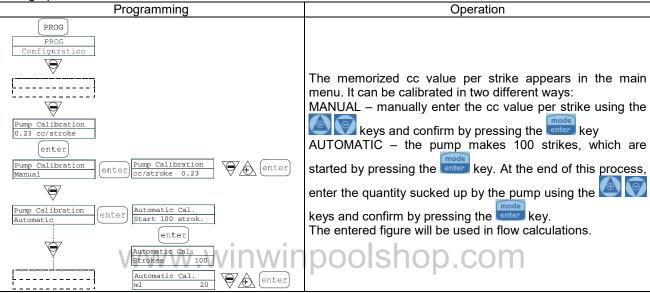
Paragraph 9 – Setting the Maximum Flow



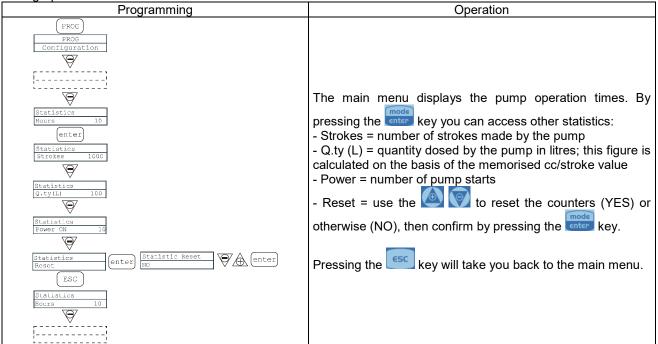
Paragraph 10 – Setting the Alarm Relay



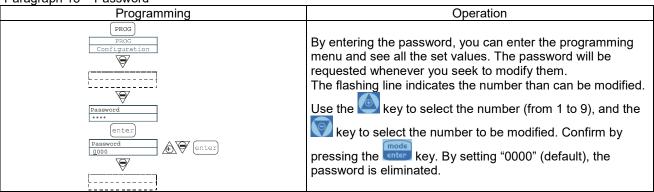
Paragraph 11 - Flow Calibration



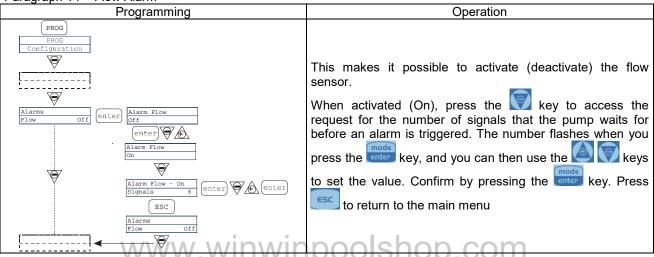
Paragraph 12 - Statistics



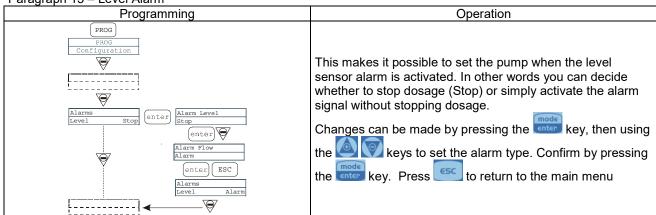
Paragraph 13 - Password



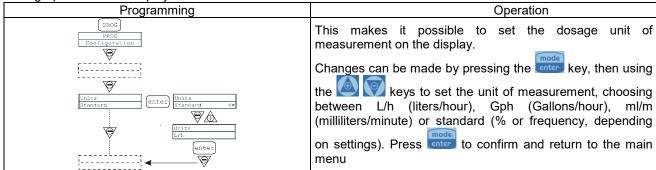
Paragraph 14 - Flow Alarm



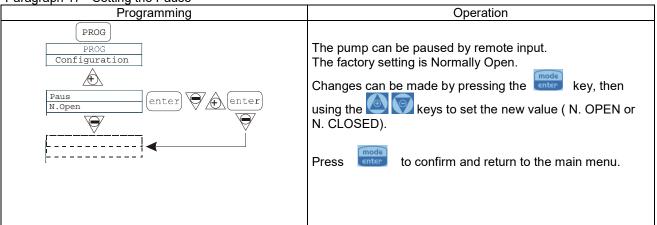
Paragraph 15 - Level Alarm



Paragraph 16 - Flow Display Unit



Paragraph 17 - Setting the Pause



## Display contrast adjustment.

For adjusting the display contrast keep the key pressed and within 5 seconds press the keys or to increase or decrease the contrast.

**Alarms** 

Alarms		
Display	Cause	Interruption
Fixed alarm LED Flashing word "Lev"	End of level alarm, without interrupting pump operation	Restore the liquid level.
I.e. Man Lev P100%	antonapang pamp operation	
Fixed alarm LED	End of level alarm, with interruption	Restore the liquid level.
Flashing words "Lev" and "stop" I.e. Man Lev Stop P100%	to pump operation OOShO	p.com
Flashing word "Mem" I.e. 1:n 6 Mem	The pump receives one or more pulses during dosage with memory function on Off	Press the stop key
Flashing word "Mem"  I.e. 1:n <u>M</u> 6  Mem	The pump receives one or more pulses during dosage with memory function on On	When the pump finishes receiving external impulses, it returns the memorized strokes
Fixed alarm LED Flashing word "Flw" I.e. Man <u>F</u> Flw P100%	Active flow alarm. The pump has not received the programmed number of signals from the flow sensor.	Press the stop key
I.e. Parameter Error PROG to default	Internal CPU communication error.	Press the key to restore the default parameters.