

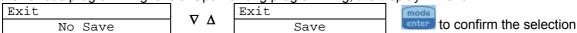
Programmiermenü Tekna TPR

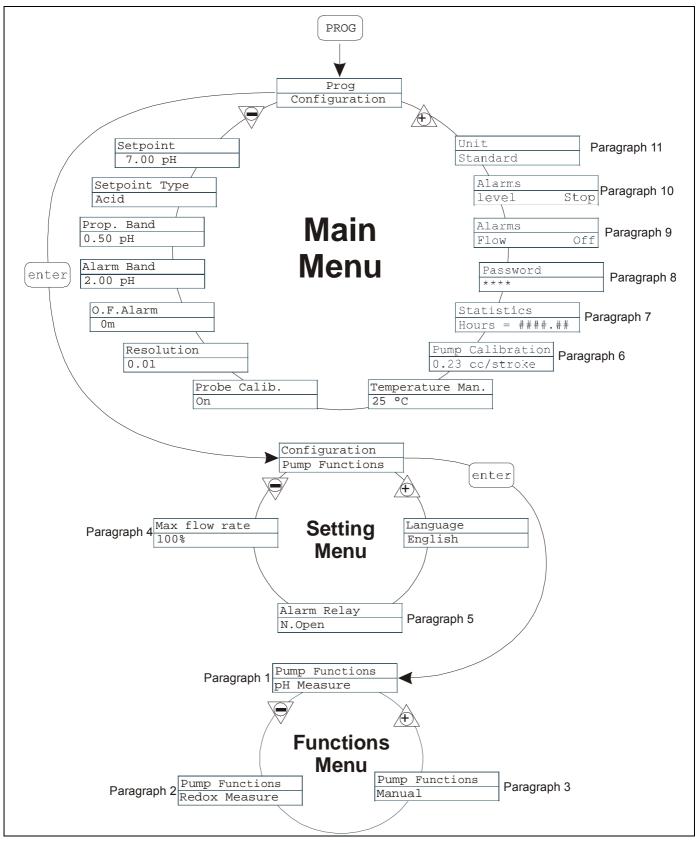
You can access the programming menu by pressing the key for over three seconds. The keys can

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

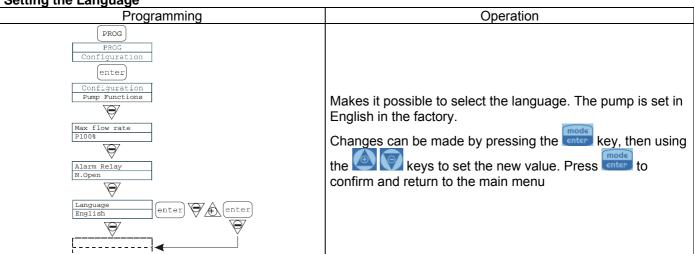
The pump is programmed in constant mode in the factory. The pump automatically returns to the operating mode

after 1 minute of no activity. Any data entered in these circumstances will not be saved. The saved to exit the various programming levels. Upon exiting programming, the display will show:

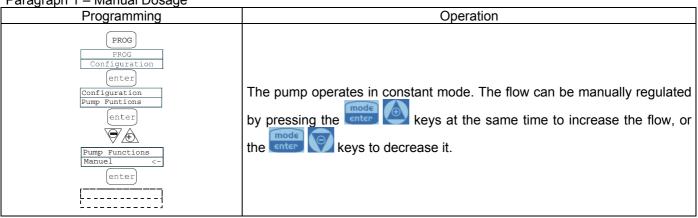


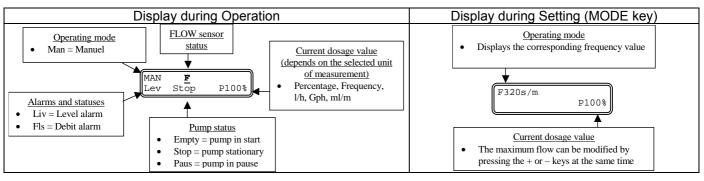


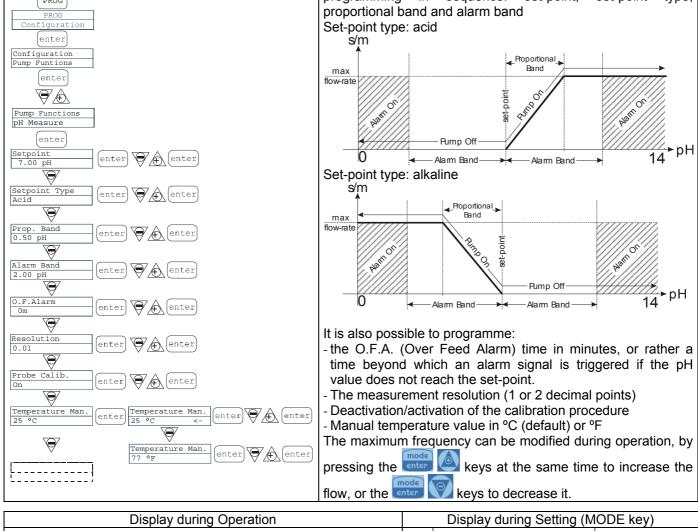
Setting the Language

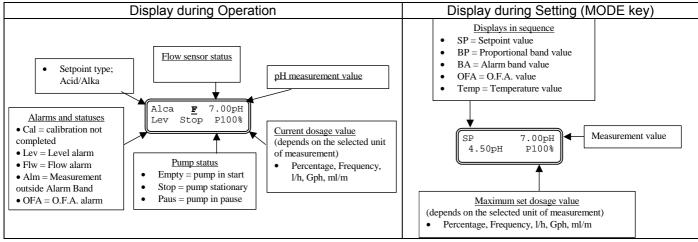


Paragraph 1 - Manual Dosage

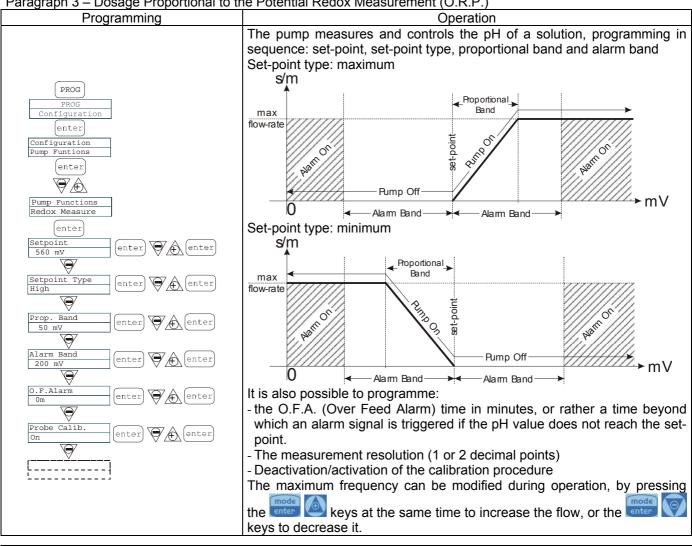


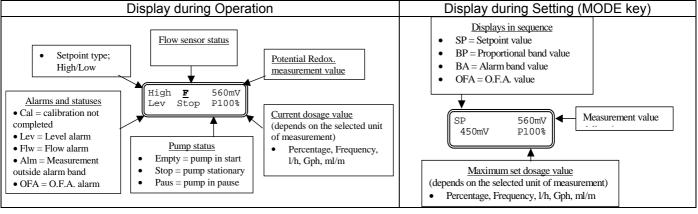


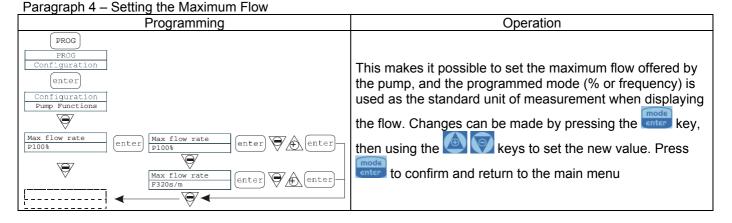




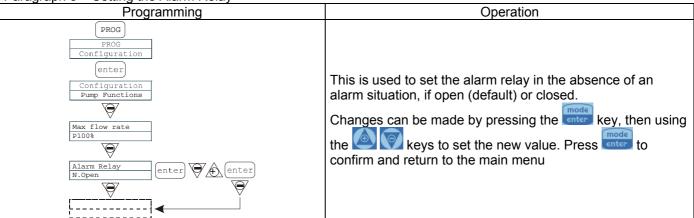
Paragraph 3 – Dosage Proportional to the Potential Redox Measurement (O.R.P.)



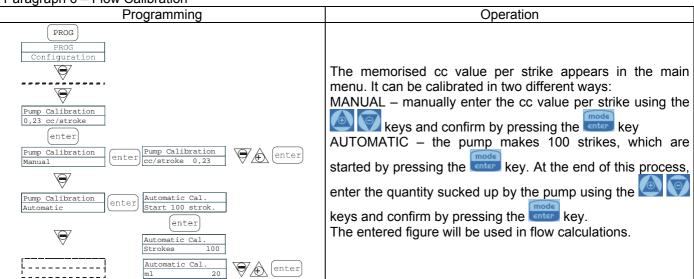




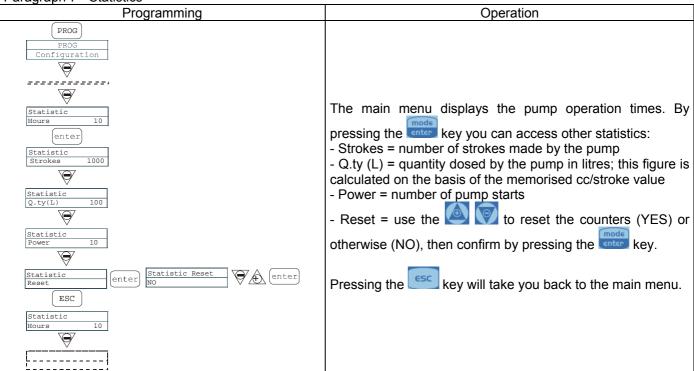
Paragraph 5 – Setting the Alarm Relay



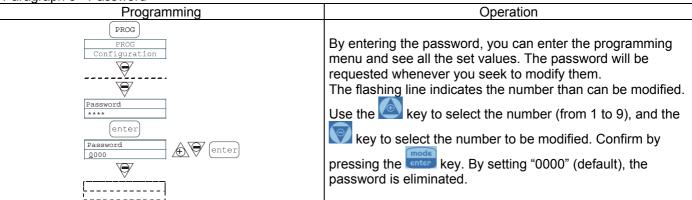
Paragraph 6 - Flow Calibration



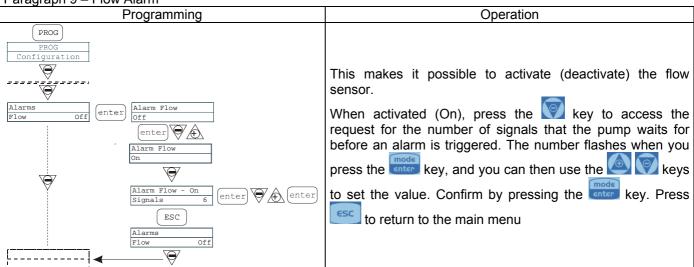
Paragraph 7 - Statistics



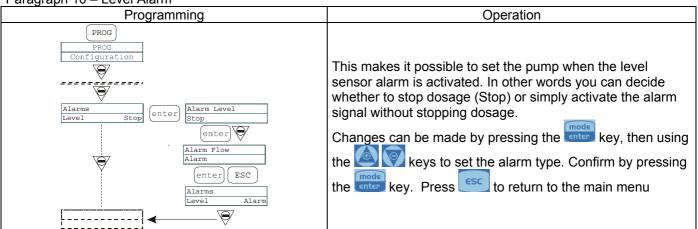
Paragraph 8 - Password



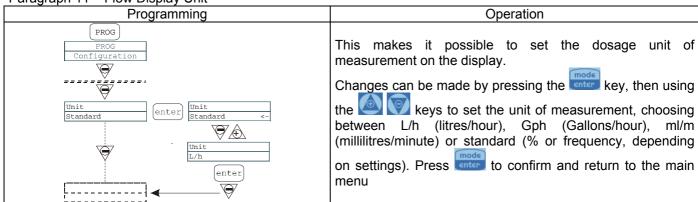
Paragraph 9 - Flow Alarm



Paragraph 10 - Level Alarm



Paragraph 11 – Flow Display Unit

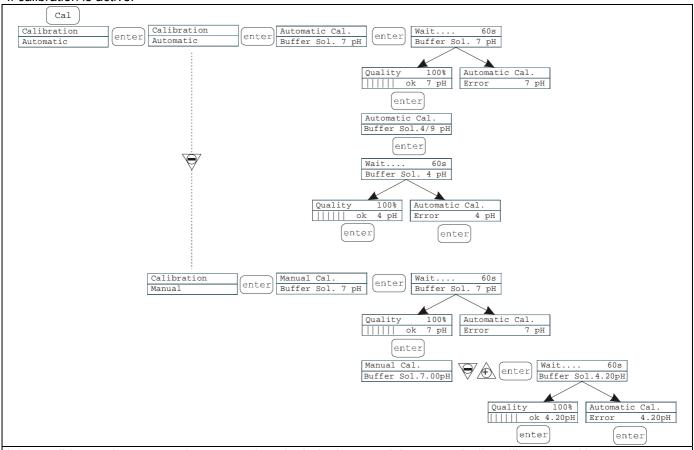


pH Calibration Menu

Pressing the CAL key for 3 seconds takes you into the calibration menu. If calibration was excluded during programming, the following appears on the display:

Calibration Off

If calibration is active:



It is possible to select automatic or manual mode. In both cases, it is automatically calibrated to pH 7.

Automatic calibration:

The buffer solution value appears on the display. Enter the probe in the bottle and press the second countdown necessary to complete calibration will appear on the display. If the alignment quality is below

50%, an error message appears on the display and you should press to exit calibration (the pump exits automatically after 4 seconds). If the quality is above 50%, the value is shown on the display and, after pressing the

solution at pH 4 or 9 will be requested. At this point the procedure is the same as above.

Manual calibration:

when the buffer solution value appears on the display, insert the probe in the bottle and press the key. A 60 second countdown necessary to complete calibration will appear on the display. If the alignment quality is below

50%, an error message appears on the display and you should press to exit calibration (the pump exits automatically after 4 seconds). If the quality is above 50%, the value is shown on the display and, after pressing the

key, the value of pH 7.00 flashes on the display. Use the large keys to enter the value of the solution in

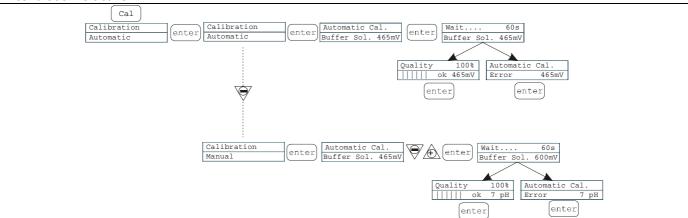
your possession, then press to confirm and start the calibration procedure as before.

Potential Redox Calibration Menu (O.R.P.)

Pressing the CAL key for 3 seconds takes you into the calibration menu. If calibration was excluded during programming, the following appears on the display:

Calibration Off

If calibration is active:



It is possible to select automatic or manual mode.

- Automatic calibration:

The buffer solution value appears on the display. Insert the probe in the bottle and press the lenter key. A 60 second countdown necessary to complete calibration will appear on the display. If the alignment quality is below 50%, an error message appears on the display and you should press automatically after 4 seconds). If the quality is above 50%, the value is shown on the display and you should press

the lenter key to complete the procedure.

- Manual calibration:

The buffer solution value appears on the display. Insert the probe in the bottle and press the length key. The value of 465 mV should now flash on the display. Insert the probe in your solution and use the keys to display the value of the solution in your possession, then confirm by pressing the length key and begin the calibration procedure as before

Alarms

Alarms		
Display	Cause	Interruption
Fixed alarm LED Flashing word "Lev" I.e. Man Lev P100%	End of level alarm, without interrupting pump operation	Restore the liquid level.
Fixed alarm LED Flashing words "Lev" and "stop" I.e. Man Lev Stop P100%	End of level alarm, with interruption to pump operation	Restore the liquid level.
Flashing word "Mem" I.e. 1:n 6 Mem	The pump receives one or more impulses 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 impulses during dosage with memory function on On	When the pump finishes receiving external impulses, it returns the memorised 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	Communication error with the eeprom.	Press the key to restore the default parameters.
Flashing word "OFA" Flashing word "stop" I.e. High 475 mV OFA Stop P 75%	O.F.A. alarm	Press the stop key to stop the flashing word "stop". Press the key again to start up the pump again.
Flashing word "Alm" I.e. High 475 mV Alm P 75%	The probe reading is outside the set alarm band range	Make sure that the "Alarm Band" parameter is set correctly in the programme
Flashing word "Cal" I.e. High 475 mV Cal P 75%	Probe not calibrated alarm	Calibrate the probe