

Handheld Programmer

Operating Instructions



AC01-001

Step 1 : Basic operation

These instructions relate to the use of the Handheld Programmer only.

To turn on the programmer lift the rubber flap on the base, this will expose the switch and USB connection, move the switch in to the ON position, the unit will now power up. Refit the rubber flap (see Programmer layout). Once powered on, the clock and date must be reset.

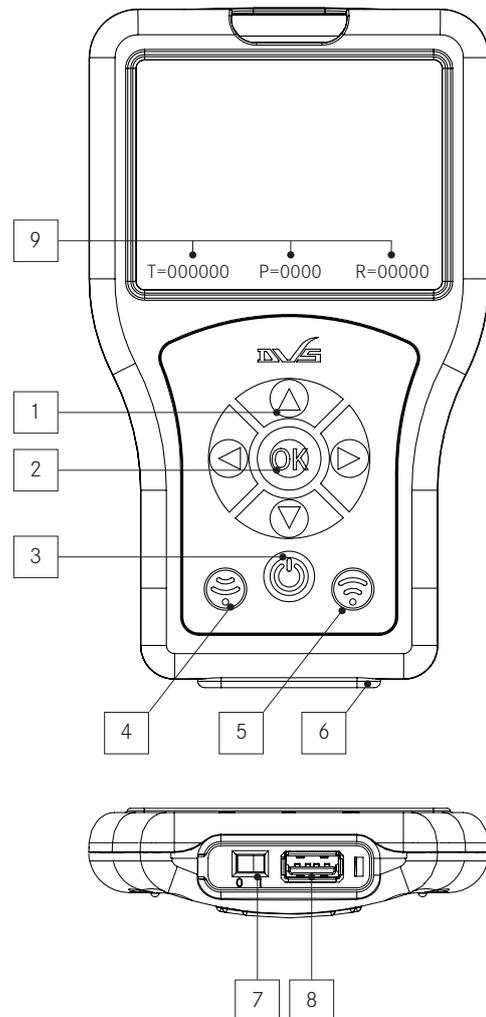
Using the left and right navigation buttons you can switch from menu to menu.

Once you have selected the menu you wish to change, use the up and down buttons to enter the part of the program you wish to change, when you have done this, use the left and right buttons to change the settings.

When you are happy with the settings, point the programmer at the sensor and press the send button (see Programmer layout). When the sensor is set a confirmation tick will appear on the screen.

IMPORTANT: You must point the programmer away from the sensor and leave for a minimum of 30 seconds before attempting to use, this allows the sensor to recalibrate. Attempting to use before this time may cause the sensor to lock up or false trigger.

Programmer layout



Step 2 : Data processing

To upload data on the programmer ensure the computer is on and Microsoft Excel is loaded. Turn on the Programmer using the isolation switch and connect the USB cable via the USB port. The cable will then need to be connected to the computer. The Programmer will then display a menu giving the option to 'download' or 'charge', press the 'OK' button to begin download, then 'download' will be displayed on screen. The data will then automatically upload into the Excel spread sheet and display 'complete'.

IMPORTANT: Microsoft Excel must be opened prior to download.

Step 3 : Charging

The Programmer requires a universal USB charging device. If being charged by computer connect the USB cable to the Programmer and then to the computer. The Programmer will then display a menu giving the option to 'download' or 'charge', follow prompts to 'press any button' to begin charging and display 'charging' on screen. Allow to trickle charge for a minimum of 8 hours.

IMPORTANT: Charging for longer than 8 hours will not affect battery life or cause damage to the Programmer.

Key

1	Navigation button (x4)	6	Switch cover
2	OK button	7	Isolation switch
3	On/Off button	8	USB / charging port
4	Receive button	9	Screen legend: T= No. of Operations P= No. of Purges R= Total Run Time (mins)
5	Send button		



The use of this crossed out wheeled bin logo indicates that this product needs to be disposed of separately to any other household waste.

Step 4 : Menu options

NOTE : The default settings above can be restored at any time if needed via the 'System Settings' menu on the Programmer.

	DEFAULT SETTINGS	OPTIONAL SETTINGS
SETUP CLOCK Day Month Year Hour Minutes Seconds	(Once powered on, the clock and date must be reset).	1 - 31 1 - 12 Current year onwards 0 - 23 0 - 59 0 - 59
V2 TAP MENU Run time Range Anti-vandal time Automatic Purge Purge run time	2 Seconds 5 30 seconds OFF 1 Minute	2, 5, 10, 20, 30, 40 & 60 Seconds 1-10 30, 60, 75, 90 Seconds & 2 Minutes OFF, 3, 6, 12, 24, 36 & 48 Hours 30 Seconds, 1, 2, 4 & 8 Minutes
TAP MENU Run Time Sensor Range Wave On/Off operation Anti Vandal Time Automatic Purge Purge Run Time Lock Outs	2 Seconds 5 OFF 1 Minute OFF 1 Minute OFF	2, 5, 10, 15, 20 & 30 Seconds 1 - 10 ON/OFF 30 Seconds, 1, 2, 4 & 8 Minutes OFF, 3, 6, 12, 24, 36 & 48 Hours 30 Seconds, 1, 2, 4 & 8 Minutes OFF, 4, 6, 8 & 10 Ops
SHOWER MENU Run Time Sensor Range Wave On/Off operation Anti Vandal Time Automatic Purge Purge Run Time Lock Outs	1 Minute 2 OFF Run+10s OFF 1 Minute OFF	30 Seconds, 1, 2, 3, 4 & 5 Minutes 1 - 3 ON/OFF Run+10s OFF, 3, 6, 12, 24, 36 & 48 Hours 30 Seconds, 1, 2, 4 & 8 Minutes OFF, 4, 6, 8 & 10 Ops
URINAL MENU Pre-Flush Wait Pre-Flush Time Main Flush Time Sensor Range Automatic Purge Purge Run Time	1 Second OFF 2 Seconds 5 OFF 4 Seconds	1 & 2 Seconds OFF, 1, 2 & 3 Seconds 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6 & 6.5 Seconds 1 - 10 OFF, 6, 12, 24, 36, 48 & 72 Hours 2, 4, 6, 8 & 10 Seconds
BATH MENU Run Time Sensor Range Wave On/Off operation Anti Vandal Time Automatic Purge Purge Run Time Lock Outs	2 Minutes 2 OFF Run+10s OFF 1 minute OFF	1, 2, 3, 4, 8 & 10 Minutes 1 - 3 ON/OFF Run+10s OFF, 6, 12, 24, 36, 48 & 72 Hours 30 Seconds, 1, 2, 4 & 8 Minutes OFF, 2, 4, 6 & 8 Ops
AUTO FLUSH VALVE MENU Range User Detect Time Dual Detect Time Flush Time(s) Walk Away Time Automatic Purge Purge Run Time Lock Outs	5 5 Seconds 20 Seconds 4 Seconds 2 Seconds OFF 4 Seconds OFF	1-10 1-10 Seconds 10, 12, 14, 16, 18, 20, 22, 24, 26 & 28 Seconds 2, 2.5, 3, 3.5, 4, 3/4.5, 3/5, 3.5/5.5, 4/6 & 6.5 Secs 1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5 & 5.5 Seconds OFF, 3, 6, 12, 24, 36, 48 & 72 Hours 2, 3, 3.5, 4, 4.5, 5, 5.5, 6 & 6.5 Seconds OFF, 2-10 Ops
WAVE FLUSH VALVE MENU Flush Type Flush Time(s) Range Automatic Purge Purge Run Time Lock Outs	Single 4 Seconds 2 OFF 4 Seconds OFF	Single or Dual 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6 & 6.5 Seconds 1-3 OFF, 3, 6, 12, 24, 36, 48 & 72 Hours 2, 3, 3.5, 4, 4.5, 5, 5.5, 6 & 6.5 Seconds OFF, 2-10 Ops
CHLORINATE MENU Chlorination Time Abort and Reset	1 Minute	1, 2, 3, 4, 5, 10, 20 & 30 Minutes