

Installation

Version 1.3b/1.4 board pinout

Main 9-way connector

Pin	Function	Note
1 (X)	Auxilliary output	
2 (R)	Cluster remove	
3 (S)	Vacuum shut-off	
4 (+12)	+12V DC power output	Connected to cluster/vacuum/aux solenoids
5 (+12)	+12V DC power output	Connected to cluster/vacuum/aux solenoids
6 (Flo)	Flow switch	Connect sensor between this pin (6) and DC GND (7) as with original board
7 (-)	DC GND	Also connect to flow switch
8 (AC)	12V~ Power input	Power supply (from transformer)
9 (AC)	12V~ Power input	Power supply (from transformer)

Pulsation 6-way connector

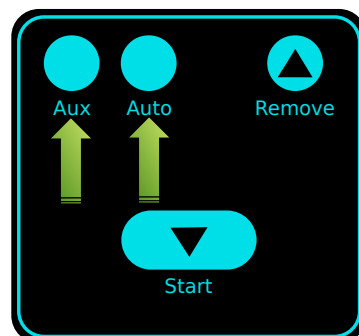
Pin	Function	Note
1 (IN1)	Pulsation input 1	Signal from master pulsation unit
2 (IN2)	Pulsation input 2	Signal from master pulsation unit
3 (CIN)	Pulsation common (in)	Common from master pulsation unit
4 (OUT1)	Pulsation output 1	Connect to pulsator solenoid
5 (OUT2)	Pulsation output 2	Connect to pulsator solenoid
6 (COUT)	Pulsation common (out)	Connect to pulsator solenoid

Modify settings (Version 1.4 board only)

To enter settings mode press and hold the AUX & AUTO buttons for approximately 7 seconds. The display will alternate between setting number and the value for this setting. For example:



.. followed by ..



This indicates you are editing setting '1' and its current value is 120 seconds.

Use the REMOVE & START buttons to select a different value. A range of possible settings & values is shown in the table below.

The AUTO button can be used to cycle through all the different settings.

When you have finished changing settings press the AUX button once to save them & exit settings mode.

Setting	Value				
TD1 (pre-milking)	90	120	180	240	-
TD2 (no flow timeout)	0	9	16	23	30
TD3 (remove delay)	0.8	1.5	2.2	2.9	3.6
TD4 (unused)	-	-	-	-	-
TD5 (milk sweep)	1.2	2	-	-	-
TD6 (Aux. Duration)	3	10	17	25	40
7. Aux. Mode	0 (momentary)	1 (continuous)			

Default values are shown in orange.