The speed parameter on the main unit set to do 100m in 30 sec. Thereby set to the equivalent of 12Km/h. The setting of the target value parameter for each row on the main unit was set as follows with the results for each row indicated below.

ROW NO	TARGET L/100m	FLOW target ml/sec x 100		PUMP same for all rows		WHEEL SPEED mm/sec Same for all rows		CALIBRATION ml/pulse
1	0.5	1757	1780	1551	1703	3495	3580	1.7
2	1.0	3522	3573					1.7
3	1.5	5277	5403					1.7
4	2.0	7046	7144					1.7
5	2.5	8871	8939					1.7
6	3.0	10677	10714					1.7
7	3.5	12256	12475					1.7
8	4.0	14073	14274					3.0

In the email from Erich he donates the calibration as ml/pulse * 128 but the same calibration figure shown in the main unit is displayed in the packet. The wheel speed should theoretically be 3333.33mm/sec. but was set by a stop watch which allows for the difference. +/- 6% seems a lot.

Theoretical FLOW target values for 100m in 30sec should be as below.

Row no	Target	Theoretical	Actual	%		
1	0.5	1666.6667	1768.5	6.11%		
2	1	3333.3333	3547.5	6.42%		
3	1.5	5000	5340	6.80%		
4	2	6666.6667	7095	6.42%		
5	2.5	8333.3333	8905	6.86%		
6	3	10000	10695.5	6.96%		
7	3.5	11666.667	12365.5	5.99%		
8	4	13333.333	14173.5	6.30%		
Wheel Speed		3333.3	3537.5	6.13%		