

Teefet

70 Series

73 SERIES ADDFLOW

1. CONNECTIONS TABLE



H

CLR

Description	Connection	
Carrier Flow Meter	Supply	12 V
	Signal	S2
	Ground	
Liquid Flow Sensor	Supply (Brown)	12 V
	Signal (Black)	S4
	Ground (Blue)	
Master Signal	Supply (Brown)	
(12V is spraying)	Signal (Black)	S5



Jumpers	Position
J7	S1 R
J9	S4
J8	S5 if External master
	S5R if always active

USER GUIDE

2. GENERALITIES

Function	Кеу	Description
1. Power On	Ro	The unit will power on and show the first working screen. INJ. RATE 2.00%
2. Power Off	And ↓	The unit will power off.
3. Selection of Working Screen	↑ or ↓	

3. FUNCTIONALITY

Function	Display	Comments	Possible Actions
1. Injection Dose Rate	INJ. RATE 2.00%	This is the desired dose rate for the injected product. It is set as a percentage of the main carrier flow.	 ▶ to change dose rate ▲ to select another display value
2. Injection Flow	INJ.FLOW 0.001/M	This is the actual flow of injected product.	to select another display value
3. Carrier Flow	CAR.FLOW 0.001/M	This is the actual main carrier flow.	to select another display value
4. Injected Volume	INJ.VOL Ø.Ø01	This is the injected volume counter.	to select another display value

4. PRIMING

To activate priming, push the Pump switch to CAL



The pump will then start running and the display will show pumped volume.



When predefined volume has been injected, the display will go back to the previous working screen.

TEEJET TECHNOLOGIES

5. ALARMS

Function	Display	Comments	Possible Actions
1. Pump Not Running	PUMP STOP	Alarm message will appear when injection started but the pump is not turning.	Check cabling and pump
2. No Liquid Injected	INJ.TANK EMPTY	This means that no liquid is injected. Alarm message will appear only if the liquid presence sensor is mounted.	Check plumbing and//or fill the tank.

6. PROGRAM

Function		Display	Possible Actions	Comments
Access/Ex	xit		Push Ro for 3 seconds	Master must be off
1. Carrier	Flow Meter	CAR. FLOW SETUP	to select another step to enter carrier flow meter calibration (1.1) Push to 3 seconds to escape program	
	1.1	CAR.FLOW 150 P/L	to modify value R o to validate value	Main carrier flow meter calibration in pulses/litre
2. Injectio	n Pump	INJ.PUMP SETUP	to select another step to enter calibration (2.1) Push to 3 seconds to escape program	
	2.1 Injection Pump Type	INJ.PUMP PISTON 2	to modify value R o to validate value (2.2) CLR to escape (2)	Choices are: • Peristaltic • Piston 1 (head) • Piston 2 (heads) • Piston 3 (heads) • Piston 4 (heads)
	2.2 Injection Pump Calibration	INJ.PUMP 6.00	to modify valve to validate value (2) CLR to start automatic calibration (see "7. Pump Automatic Calibration" on page 4)	This is the complete pump calibration (all heads together). Units are pulses/millilitre. Average value is 3.00 per head for a piston pump.
3. Prime (Calibration	PRIME SETUP	to select another step to enter calibration (3.1) Push Ro for 3 seconds to escape program	
	3.1	PRIME 2.0L	to modify value R o to validate value CLR to start Automatic calibration (see "8. Prime Automatic Calibration" on page 4)	This is the volume that must be pumped to prime the system.

USER GUIDE

7. PUMP AUTOMATIC CALIBRATION

Function	Display	Possible Actions	Comments
2.2 Injection Pump Calibration	INJ. PUMP	to modify value	This is the complete pump calibration (all heads together.) Units are pulses/millilitre. Average
	רס . עוע	CLR to start Automatic calibration	value is 3.00 per head for a piston pump.
2.2.1	START	CLR to exit Automatic calibration	Pump must be ready to inject (tubes filled).
	AUTOCAL	Push on the CAL switch on the pump to start the calibration.	
		Collect the pumped volume.	
		Keep the CAL switch pushed until calibration is finished.	
2.2.2	START 235 P	Display shows the counted pulses from the pump.	Release the CAL switch when enough pulses have been counted.
2.2.3	INJ.VOL 0.0001	to set the pumped volume to validate	Release the CAL switch when enough pulses have been counted.

8. PRIME AUTOMATIC CALIBRATION

Function	Display	Possible Actions	Comments
3.1 Prime Calibration	PRIME	to modify value	This is the volume that must be pumped to prime the system.
	2.00 L	P o to validate value	
		CLR to start Automatic calibration	
3.1.1	START	Push on the CAL switch on the pump to start the calibration.	
	AUTOCAL	Keep the CAL switch pushed until calibration is finished.	
3.1.2	COTATA	Display will show injected volume.	
	0.0001	Release the CAL switch when system has been primed.	
		P o to validate	



www.teejet.com 98-05355-EN R1 English International © TeeJet Technologies 2022