

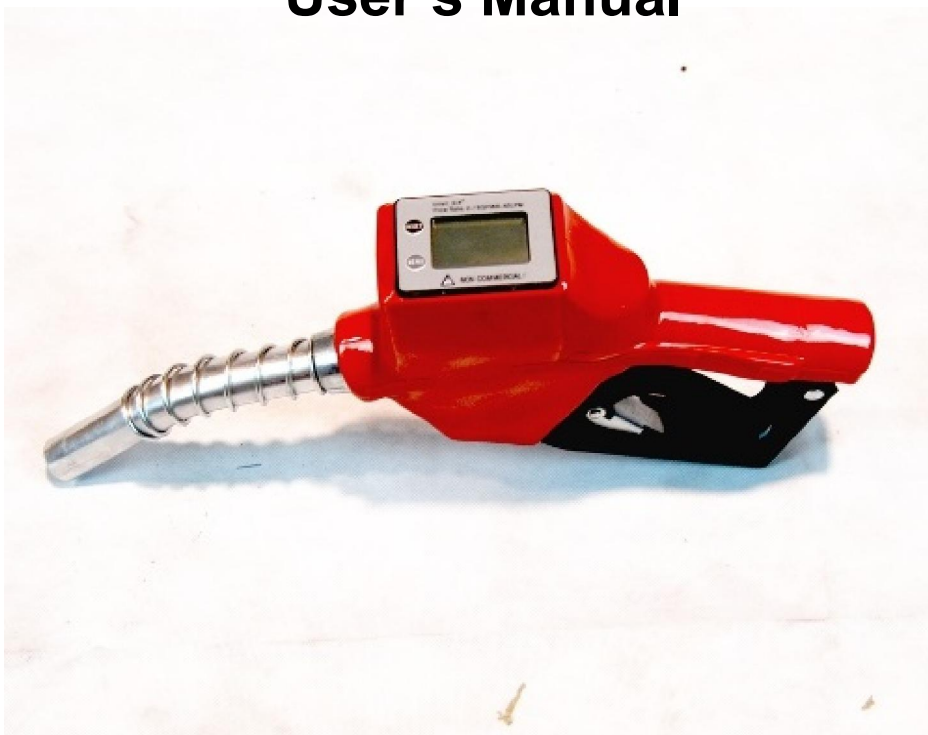


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Model: SNADFM03

Auto Shut Off Nozzle with Digital Meter

User's Manual





WARNING

Read carefully and understand all INSTRUCTIONS before operating.

Failure to follow the safety rules and other basic safety precautions may result in serious personal injury. Save these instructions in a safe place and on hand so that they can be read when required.

1. INTRODUCTION

1.1 Technical Data

1.1.1 The liquids compatible with Auto shut off digital nozzle must be at low viscosity, namely as below:

Model No.	SNADFM03
Flow rate	Up to 60LPM/16GPM
Operating pressure (Max)	50psi/3.5bar
Operating temperature	-10°C ~ +50°C/14°F ~ 122°F
Accuracy	±1%
Fluid type	Diesel & kerosene
Screen	5-Digit present total (0.01~999.99)
	7-Digit non-resettable total (1~9999999)
	Unit (Liter, Gallon, Pint, Quart)
Inlet and outlet	3/4"
Weight	1.3Kgs/2.7 lbs
Power supply	2×AAA

1.2 LCD DISPLAY

The "LCD" of the meter features two numerical Registers and various indications displayed to the user only when the applicable function so requires

KEY

- Partial register (5 figures with moving comma from 0.1 to 99999)
Indicating the volume dispensed since the reset button was last pressed.
- Indication of battery charge
- Indication of calibration mode

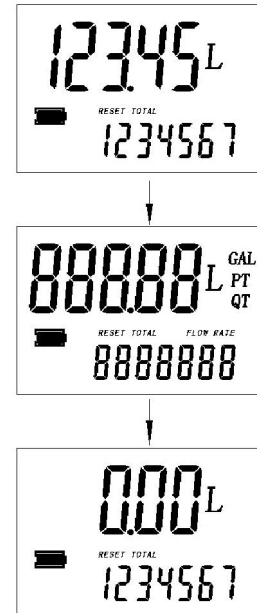
3. METER SETTING

3.1 BUTTON USAGE, CALIBRATION AND MEASUREMENT UNIT CHANGE

- **Reset the present total (See Fig. 2)**

- 1) When the meter is on standby, press the RESET key.
- 2) The display shows all the segments.
- 3) The meter resets the present total already.

Fig. 2



- **Show current correction factor and general total (See Fig. 3)**

Press MENU and RESET together and hold for two seconds.
Value "1.4000" is the correction factor which can be reset;
"1234567" is the general total which cannot be reset.



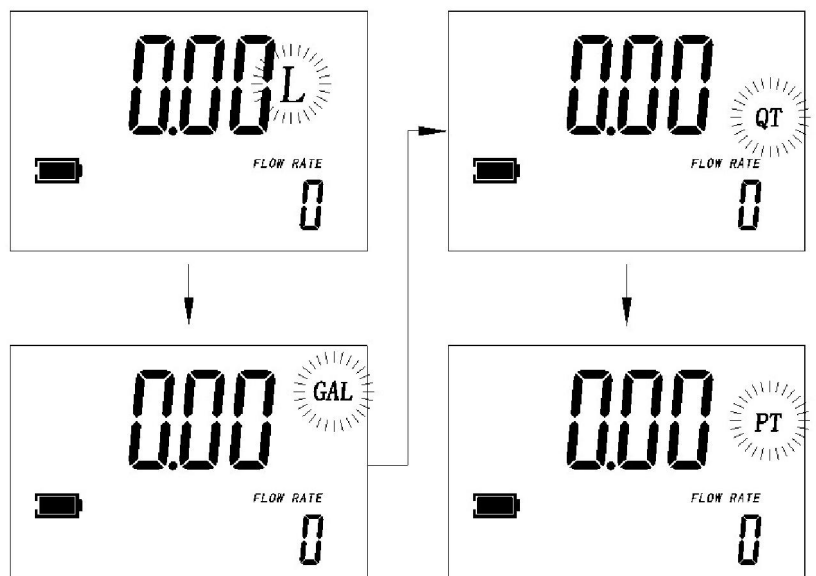
Fig. 3

- **Measurement unit change (See Fig. 4)**

Press MENU and RESET together and hold for five seconds.

Zone 7 on the display is the current unit. Press RESET to chose a different measurement unit and then press MENU to confirm.

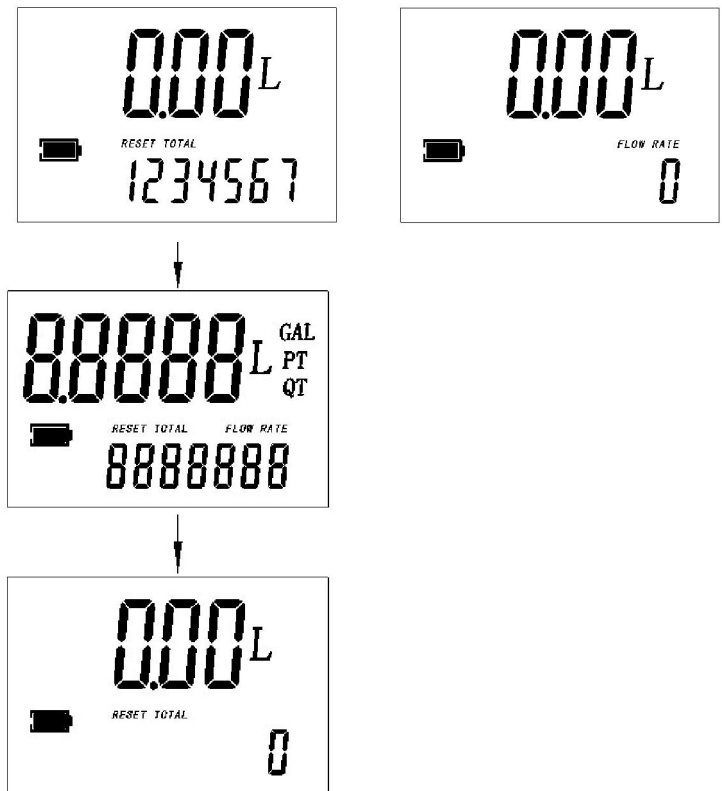
Fig. 4



3.2 RESET THE RESETTABLE TOTAL (See Fig. 5)


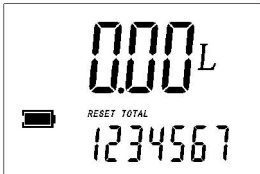



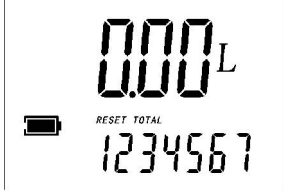
When the meter is on standby, press the RESET key for 2 seconds to reset the present total first.

Fig. 5



3.4 MODIFY THE CORRECTION FACTOR IN FIELD

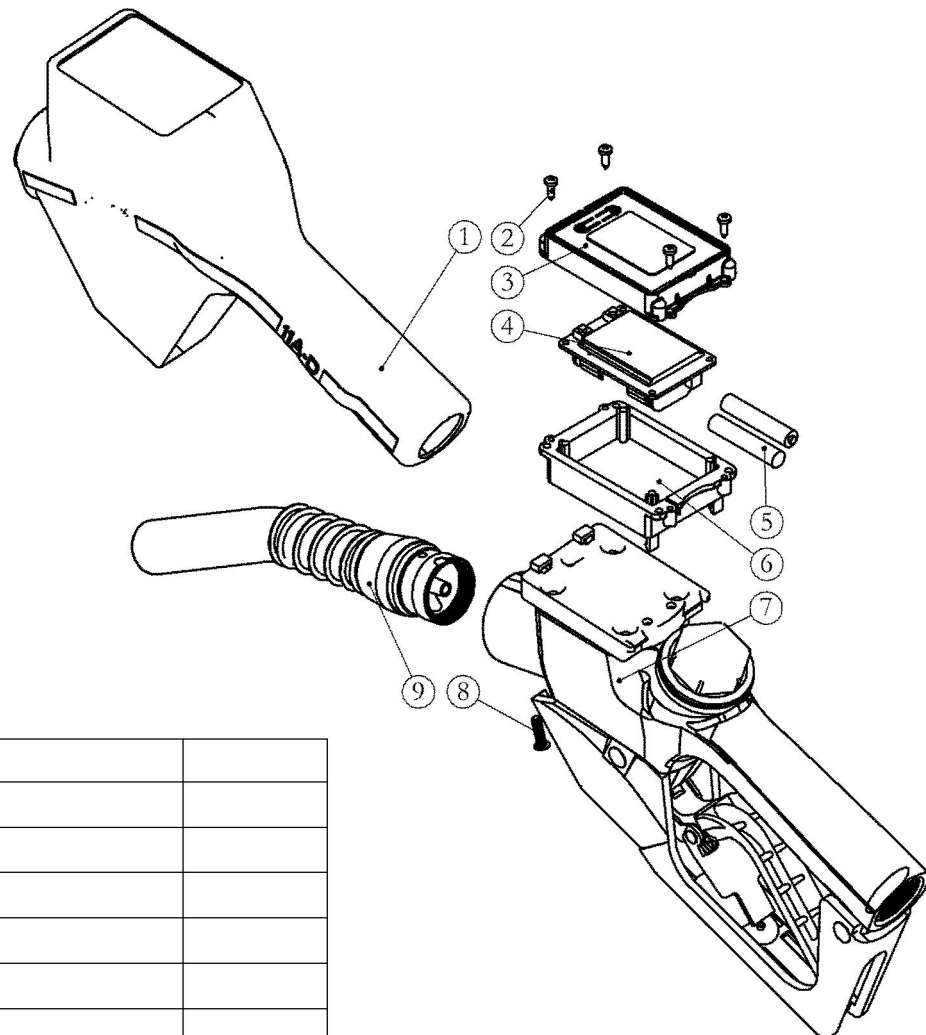
PLEASE CAREFULLY FOLLOW THE PROCEDURE INDICATED BELOW.

1	Wait for the meter to go to standby.	
2	Reset the resettable total.	
3	<p>Start dispensing into a measuring glass.</p>  <p>Stop dispensing when over 5 Litres of volume is reached, read out the actual value. The volume that is displayed on the LCD is the Display Value, not the Actual Value which may be slightly higher. For example, in the figure on the right, the Display Value is 18.96 while the Actual Value is 20.75.</p>	
4	<p>Press the MENU key. Keep it pressed until showed as the right fig., the digit flash in □ zone, Press the RESET key to choose the right digit from 0 to 9. Press the MENU key to go the the next digit so that the Actual Value can be input.</p>	
5	<p>Make sure the correction factor is right and then press the MENU key. Keep it pressed until calibration is finished and the factor is save. The meter will then return to standby.</p>	

4. MALFUNCTIONS

Problem	Possible Cause	Corrective Action
LCD: no indication	Bad battery contact	Check battery contacts
Imprecise measurement	Wrong FACTOR	With reference to paragraph 3.3 & 3.4, check the FACTOR
	The meter works below minimum acceptable flow rate	Increase the flow rate until an acceptable flow rate range has been achieved
Reduced or zero flow rate	Turbine blocked	Clean the turbine
The meter does not count, but the flow rate is correct	Incorrect installation of turbine after cleaning	Repeat the reassembly process.
	Possible electronic card problems	Contact the dealers or manufactures

5. DIAGRAM AND PARTS LIST



No	D	
1	No	
2		
3	M	
4	LC	
5	B	
6	M	
7	Nozzle body	1
8	Screw	1
9	Spout	1